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1989

Drift Fence Data  
Species Accounts

1990

Journal  
Grid Data  
Species Accounts





# Drift Fence Data 1989

Hasting Reservation,  
Monterey Co.,  
Calif.





RIBBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif.

LRID RC

	St	SPD	No	WT	Sex	Age	Bridg	Caught		Released	
								IN	OUT	IN	OUT
Jan 9	W-1	P. boylii	01322	23	♀	ul	up, paws	x		x	
	W-2	P. boylii	0142	21	♂	m	TWD	x		x	
	W-3	P. boylii	01002	22	♀	m	up, nullip	x			
	W-3	P. boylii	012	24	♀	m	pregnat		x		x
	W-4	P. boylii	0102	21	♂	m	TWD		x		x
	W-4	P. boylii	04101	20	♀	m	up, nullip	x		x	
	W-10	P. californicus	010	38	♂	m	scrotal	x			
	W-8	P. boylii	02341	23	♂	m	TWD	x		x	
	W-12	P. boylii	01030	22.5	♂	m	TWD (close)	x		x	tail banded
	E-8	P. boylii	01241	21	♀	m	up, nullip	x		x	
	E-8	P. californicus	1235	37.5	♂	m	scrotal		x		x
	E-8.5	P. boylii	0411	21	♂	m	TWD		x		x
	E-9	Perognathus	02020	20	♂	m	TWD		x		x
Jan 10	W-1	P. boylii	0142	Recap				x		x	
	W-1	P. boylii	012	"					x		x
	W-2	P. boylii	0102	"					x		x
	W-2	P. boylii	01322	"				x		x	
	W-3	P. boylii	01022	"				x		x	
	W-3	P. californicus	010	"					x		x
	W-4	Microtus	02330	54	♂	m	scrotal		x		x
	W-5	Perognathus	02100	20	♀	m	up, paws	x		x	
	W-6	P. boylii	04101	Recap				x		x	
	W-9	P. boylii	02341	"					x		x
	W-12	P. boylii	01030	"					x		x
	E-5	P. boylii	01241	"					x		x
	E-7	Perognathus	02020	"				x		x	
	E-7	P. californicus	1235	"					x		x
	E-8	P. californicus	0340	38	♀	m	up, nullip	x		x	
	E-8.5	P. boylii	0412	21	♂	m	TWD		x		x
	E-8.5	P. californicus	040	39.5	♂	m	scrotal	x		x	
	E-9	P. boylii	0411	Recap					x		x
Jan 11	W-1	P. boylii	01322	Recap				x		x	
	W-2	P. boylii	01222	22.5	♀	m	up, paws	x		x	
closed - 11	W-2	P. boylii	0142	Recap				x		x	
	W-3	P. boylii	01002	"					x		x
	W-4	P. boylii	04101	"				x		x	
	W-4	Microtus	02330	"					x		x
	W-4.5	P. boylii	0102	"					x		x
	W-10	Perognathus	02100	"					x		x
	W-8	P. boylii	02341	"				x		x	
(N)	W-8	P. maniculatus	01420	14	♀	SNOW	up, nullip	x		x	
	W-12	P. boylii	01030	Recap				x		x	
	E-5	Perognathus	02020	"					x		x
closed - 1	E-8	P. californicus	040	"				x	x		wrong release
Jan 12	W-1	P. boylii	01322	Recap				x		x	
	W-2	P. boylii	0102	"					x		x
	W-3	P. boylii	01002	"				x		x	
	W-4	P. boylii	0142	"				x		x	



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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif.

GRID RC Drift Fence

	St	Spp	No	WT	Sex	Age	Bldg	Caught in out	Released in out
Jan 27 (cont)	W-2	Pb	012	RECAP				X	X
	W-3	Pb	01002	"				X	X
	W-3	Pb	01222	"				X	X
	W-4	Pb	01302	"				X	X
	W-4	Pb	01322	"				X	X
not new, see Jan 30 → (N)	W-5	P. boylii	01432	22.5	♂	ul	rwd	X	X
	W-6	Pb	01232	RECAP				X	X
uplu-01433	W-7	Perognathus	02100	19	♀	ul	up, paws	X	X
uplu-02440	W-7	Perognathus	014330	23	♂	ul	rwd (close)	X	X
	W-8	P. californicus	010	RECAP				X	X
ognotus-02200	W-10	Pb	04101	"				X	X
ognotus-01420	W-11	Pb	01030	22.5	♂	ul	rwd	X	X
mag-02130	E-7	Pb	01202	23.5	♂	ul	rwd (close)	X	X
	E-10	P.b.	0412	21.5	♂	ul	rwd	X	X
	E-8.5	P. californicus	040	36.5	♂	ul	scrotal	X	X
Jan 28	W-1	Pb	01002	RECAP				X	X
	W-1	Pb	0102	"				X	X
	W-2	Pb	0310	"				X	X
	W-2.5	Pb	012	"				X	X
	W-4	Pb	01232	"				X	X
	W-4	Pb	01322	"				X	X
12/36 = 33%	W-4.5	Pb	03200	"				X	X
	W-5	Perognathus	01430	24.5	♂	ul	scrotal	X	X
	W-6	Perognathus	02100	"				X	X
	W-6	Perognathus	014330	Mortality - Cat # 941				X	X
	W-8	Pb	04101	RECAP				X	X
	W-8.5	P. californicus	010	"				X	X
	E-1	Pb	04011	19.5	♀	ul	up, muller	X	X
	E-1	Pb	0302	RECAP				X	X
	E-7	P. californicus	040	"				X	X
	E-7	Pb	01202	"				X	X
	E-8	P. californicus	0235	"				X	X
Jan 29	W-1	Pb	0102	RECAP				X	X
	W-2	Pb	03200	"				X	X
	W-2	Pb	01002	"				X	X
closed -1	W-2.5	Pb	04012	21.0	♀	ul	up, muller	X	X
16/36 = 44%	W-3	Pb	0310	RECAP				X	X
	W-4	Pb	01302	"				X	X
	W-4	Pb	01322	"				X	X
	W-4.5	Pb	01432	23.0				X	X
	W-4.5	Pb	01212	24.5	♀	ul	up, muller	X	X
	W-5	Pb	01232	RECAP				X	X
	W-5	Perognathus	02100	"				X	X
	W-5	P. californicus	010	"				X	X
	W-6	Pb	01222	"				X	X
	W-7	Perognathus	01430	"				X	X
	W-8	Pb	04101	"				X	X





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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DC

	ST	SPP	NO	WT	SEX	AGE	BODY	Caught		Released	
								IN	OUT	IN	OUT
Jan 15	W-1	P. boylii	0142	Recap				X		X	
	W-1	P. boylii	0102	"					X		X
	W-2	P. boylii	01222	22.25	♀	III	up, parous		X		X
	W-3	P. boylii	01002	Recap				X		X	
	W-3	P. boylii	01232	"					X		X
	W-4	P. boylii	01322	"					X		X
	W-4	P. boylii	04101	"				X		X	
	W-4.5	P. boylii	01302	"					X	X	
	W-5	P. californicus	017330	25.5	♂	III	TAD (close)		X		X
	W-6	P. californicus	1421	33	♀	III	up, nullip	X		X	
	W-6	Perognathus	02100	Recap					X		X
	W-6.5	P. boylii	02000	"				X		X	
	W-7	P. boylii	02341	"				X		X	
	W-7	P. californicus	010	"					X		X
	W-12	P. boylii	01030	"					X		X
	W-12	P. boylii	02400	24	♂	III	TAD	X		X	
	E-1	P. boylii	0302	Recap				X		X	
	E-8	P. californicus	0410	"					X		X
	E-8.5	P. californicus	1235	"					X		X
	E-9	P. californicus	1183	"				X		X	
Left traps closed with Passerways OPEN											
Jan 25	W-2	P. boylii	012	21	♀	III	up, parous		X		X
	W-2	P. boylii	01002	21.5	♀	III	up, nullip	X		X	
	W-3	P. b.	04101	19.5	♀	III	up, nullip	X		X	
	W-4	P. b.	01322	22.5	♀	III	up, nullip?		X		X
	W-4	P. californicus	010	39.5	♂	III	TAD scrotal	X		X	
	W-4.5	P. b.	0102	20	♂	III	TAD		X		X
	W-5	P. b.	01302	19.5	♂	III	TAD	X		X	
	W-6	P. b.	01232	21.5	♂	III	TAD	X		X	
	E-8	P. californicus	0340	40	♀	III	up, nullip?		X		X
	E-8.5	P. b.	01411	20	♂	III	TAD		X		X
Jan 26	W-1	P. b.	01222	23	♀	III	up, nullip		X		X
	W-2	P. b.	0310	21	♂	III	scrotal		X		X
	W-2	P. b.	012	Recap				X		X	
	W-3	P. californicus	010	"					X		X
	W-3	P. b.	01002	"				X		X	
	W-4	P. b.	01302	"					X		X
	W-4	P. b.	01322	"				X		X	
	W-4.5	P. b.	01232	"					X	X	
	W-5	P. b.	01222	"				X		X	
	W-6	P. b.	02000	22	♂	III	TAD (close)	X		X	
	W-7	P. b.	0102	Recap					X		X
	W-8	P. b.	04101	"				X		X	
	E-1	P. b.	0302	18.5	♀	III	up, nullip		X		X
	E-8	P. californicus	1235	36	♂	III	scrotal		X		X
	W-1	P. b.	0102	Recap					X		X
	W-2	P. b.	03200	22	♀	III	up, parous		X		X
Closed - 1											
Jan 27	W-1	P. b.	0102	Recap					X		X
	W-2	P. b.	03200	22	♀	III	up, parous		X		X

wrong release  
went back  
Gordana  
P. californicus

went back!!

wrong release  
let back





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JOURNAL - DRIFT FENCE

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GRID CC-

	St	Sp	NO	WT	Sex	Age	Brds	Caught IN OUT	Released IN OUT	
Jan 12 (cont)	W-4	P. boylii	04101	Recap					X	
	W-5	Perognathus	02100	"				X	X	
	W-6.5	P. boylii	02000	22.5	♂	m	RND	X	X	new? NTC?
	W-8	P. californicus	010	Recap				X	X	
	W-9	P. boylii	02341	"				X	X	
	W-11	P. boylii	01030	"				X	X	
	E-1	P. boylii	0302	18.5				X	X	
	E-5	P. boylii	01241	Recap				X	X	
	E-7	Perognathus	02020	"				X	X	
	E-8	P. californicus	1183	43.5	♀	M	up, mullip	X	X	coll. tail; worked back
Jan 13	E-8	P. boylii	0212	18	♀	m	up, mullip		X	
	W-1	P. b.	01322	Recap					X	
	W-2	P. b.	00102	"					X	
	W-3	P. b.	00142	"				X	X	
	W-4	P. b.	01002	"				X	X	
	W-4	P. b.	04101	"				X	X	
	W-4.5	P. b.	01232	21.5	♂	m	End (closed)	X	X	
	W-5	P. b.	02000	Recap				X	X	
	W-6	P. californicus	010	Recap				X	X	
	W-6.5	Perognathus	02100	Recap				X	X	
	W-9	P. b.	02341	"				X	X	
	E-1	P. b.	04011	19	♀	m	imp, ull	X	X	
	E-1	P. b.	00302	Recap				X	X	
	E-5	P. californicus	1183	"				X	X	
	E-6	P. californicus	040	"				X	X	
	E-8	P. californicus	1235	"				X	X	
	E-8.5	P. californicus	0340	"				X	X	
	E-9	P. b.	01411	"				X	X	
Jan 14	W-1	P. boylii	0102	Recap				X	X	
	W-2	P. boylii	0142	"				X	X	
	W-4	P. boylii	01232	"				X	X	
	W-4	P. boylii	01401	"				X	X	
	W-4.5	P. boylii	01322	"				X	X	
	W-6	P. boylii	01212	24.5	♀	M	up/m/p/par?	X	X	
	W-6	Perognathus	02100	Recap				X	X	
	W-6.5	P. boylii	02000	"				X	X	
	W-8	P. boylii	01302	19	♂	m	TWO	X	X	
	W-9	P. californicus	010	Recap				X	X	
	W-10	P. boylii	02341	"				X	X	
	W-11	P. boylii	01030	"				X	X	
	W-12	P. boylii	04030	24	♀	m	up/p/par	X	X	
	E-5	P. boylii	01241	Recap				X	X	
	E-7	Perognathus	02020	"				X	X	
	E-7	P. californicus	1183	"				X	X	
	E-9	P. boylii	01411	"				X	X	

boxed - 111  
W-1 - 01432  
W-6 - 02440  
Perognathus - 02200  
W-12 - 01430  
W-10 - 02130

1232



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Hastings Reservation, Monterey Co., Calif

GRWD PC

	St	SAP	No	Wt	Sex	Age	Body	Caught		Released	
								in	out	in	out
1/31 - 8/10 = 4/9	W-7	Pb	01222	23	♀	ul	up, nullip		x		x
8/24 = 1/3 Jan 31 (cont.)	W-8	R. megalotis	02130	4	♀	ul	up, nullip		x		x
	W-9	Pb	04101	20.5	♀	m	up, nullip	x		x	
	W-11	Pb	01030	21.5	♂	m	TWO (close)		x		x
	E-1	Pb	04011	17.5	♀	SM	up, nullip		x		x
	E-1	Pb	0302	17.5	♀	SM	up, nullip	x		x	
	E-6.5	Pb	01202	21.5	♂	ul	scrotal		x		x
	E-7	Pb	02020	20	♂	m	scrotal	x		x	
	E-7	Pb	01242	23.5	♀	m	up, nullip		x		x
	E-8	P. californicus	040	36	♂	m	scrotal	x		x	
	E-8	P. californicus	0340	41	♀	ul	up, early preg		x		x
	E-10	Pb	0412	20	♂	m	TWO	x		x	
Feb 1	W-2	Pb	0310	RECAP					x		x
	W-2.5	Pb	03200	"					x		x
	W-2.5	Pb	012	"				x		x	
	W-3	Pb	01002	"				x		x	
	W-4	Pb	01302	"					x		x
	W-4	P. californicus	010	"				x		x	
	W-4.5	Pb	01232	"				x		x	
	W-5	Perognathus	02100	"					x		x
	W-6	Perognathus	01430	"				x		x	
	W-6	Pb	01222	"					x		x
	W-9	Pb	04101	"				x		x	
	W-9	Pb	0102	"					x		x
	W-12	Pb	0332	"					x		x
	E-1	Pb	04011	"				x		x	
	E-6.5	P. californicus	1235	should weigh ♂		m	scrotal		x		x
	E-7	P. californicus	040	RECAP				x		x	
8/24	E-7	Pb	0212	20	♀	ul	up, nullip		x		x
	E-8	P. californicus	0340	RECAP					x		x
	E-8.5	Pb	01411	20.5	♂	m	TWO		x		x
	E-10	Perognathus	02020	20	♂	ul	scrotal	x		x	
	E-11	P. baylii	0412	RECAP				x		x	
Feb 2	W-1	Pb	0102	RECAP					x		x
	W-2	Pb	012	"				x		x	
	W-2.5	Pb	03200	"					x		x
	W-3	Pb	01002	"				x		x	
	W-3	Pb	01322	"					x		x
	W-4	Pb	01302	"				x		x	
	W-4	P. californicus	1414	39	♂	m	TWO (close)		x		x
	W-4.5	Pb	01432	23	♂	ul	scrotal	x		x	
	W-5	Pb	01232	RECAP				x		x	
	W-6	Perognathus	01430	"					x		x
	W-6	Pb	01222	"				x		x	
	W-6.5	Perognathus	02100	"				x		x	
	W-7	Pb	0332	"					x		x
	W-8	P. californicus	010	"				x		x	



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Hastings Reservation, Monterey Co., Calif

LRID RC Drift Fence

		St	Spp	No	WT	Sex	Age	Bldg	Caught		Released		
									IN	OUT	IN	OUT	
0-11 3	Feb 2 (cont)	W-8.5	Pb	04101	recap				x		x		
		W-12	Pb	02400	23	♂	m	tail	x		x		went away
		E-1	Pb	0302	recap					x		x	
0-12 28		E-5	Pb	01241	20	♀	m	up, mullip	x		x		
		E-6	P. californicus	1264	40	♂	m	scrotal		x	x		
		E-6.5	P. californicus	1235	35	♂	m	scrotal		x	x		wanted back
		E-7	P. californicus	040	recap				x		x		
		E-7	P. californicus	0340	43g			pregnant		x		x	
		E-8.5	P. californicus	1183	40g	♀	m	up, mullip	x		x		
		E-11	Perognathus	02020	recap					x		x	went away
		W-1	Pb	0102	recap					x		x	
closed-1	Feb 3	W-1	P. californicus	1414	"				x		x		
		W-2	Pb	03200	"					x		x	
		W-2.5	Pb	03119	"					x		x	
		W-3	Pb	01002	"				x		x		
		W-4	Pb	01302	"					x		x	
		W-4	Pb	01322	"				x		x		
		W-4.5	Pb	01232	"				x		x		
		W-5	Pb	01432	"				x		x		
		W-6	Perognathus	01430	"					x		x	
		W-6	Pb	01222	"				x		x		
15/35 = 3/5		W-7	Perognathus	02100	"				x		x		
		W-8	P. californicus	010	"				x		x		
		W-9	Pb	04101	"				x		x		
		W-12	Pb	02400	"				x		x		
		E-7	P. californicus	040	"					x		x	
		E-8	P. californicus	0340	35.5g	♀	m	parturient		x		x	she gave birth in the trap; unfortunately, she neglected them and both were dead! Saved the babies and let her go - shot!
		E-8.5	P. californicus	1183	40	♀	recap		x		x		
		E-9.5	P. boylii	01411	recap					x		x	
		E-11	P. boylii	0412	"					x		x	
		E-3	P. boylii	01241	"				x		x		
0/24 = 33%	Feb 4	E-1	Pb	0302	"				x		x		
		E-1	Pb	04011	"					x		x	
		W-1	P. californicus	1269	38	♂	m	tail (close)	x		x		went away
		W-2.5	Pb	03200	recap					x		x	
		W-3	Pb	01322	"					x		x	
		W-3	Pb	01002	"				x		x		wrong release
		W-4	Perognathus	02100	"				x		x		
		W-4.5	Pb	01232	"				x		x		
		W-7	Pb	01222	"					x		x	
		W-7	Pb	01432	"				x		x		
		W-11	Pb	04030	"				x	x		x	
		W-11	Perognathus	01430	"				x		x		
		W-12	Pb	02400	"	♂	m	scrotal		x		x	





LITBEE, D.O.  
1989

Journal

Hastings Reservation, Monterey Co., Calif

LARIDEE

Jan 29  
(cont)

8/18 = 4/9

St	Spp	Wt	Wt	Sex	Age	Body	Caught	Released
							in	out
W-11	Pb	01030	<del>2523</del>	♂	m	scrotal		x
E-1	Pb	0302	RECAP				x	x
E-5	Pb	01241	<del>2205</del>	♀	m	up, nullip	x	x
E-5	Pb	01411	RECAP				x	x
E-6	Pb	01242	<del>25235</del>	♀	m	up, nullip	x	x
E-7	Pb	01202	RECAP				x	x
E-8	P. californicus	1235	"				x	x
E-8.5	P. californicus	040	"				x	x
E-10	Perognathus	02020	<del>245</del> 200	♂	m	scrotal	x	x

wrote back

Jan 30

15 5  
36 = 13

W-2	Pb	0310	RECAP				x	x
W-2.5	Pb	012	"				x	x
W-2.5	Pb	01002	"				x	x
W-3	Pb	03200	"				x	x
W-4	Pb	01302	"				x	x
W-4	Pb	01322	"				x	x
W-4.5	Pb	01212	"				x	x
W-4.5	Pb	01432	" - new on 27 Jan; but te # 02000				x	x
W-5	Pb	0102	"				x	x
W-6	Pb	01222	"				x	x
W-6	Perognathus	01430	"				x	x
W-7	Perognathus	02100	"				x	x
W-9	P. californicus	010	"				x	x
W-9	Pb	04101	"				x	x
W-11	Pb	01030	"				x	x
E-1	Pb	04011	"				x	x
E-1	Pb	0302	"				x	x
E-5	Pb	01241	"				x	x
E-5	Pb	01411	"				x	x
E-6	Perognathus	02020	"				x	x
E-7	Pb	0212	"				x	x
E-7	P. californicus	040	"				x	x
E-8	P. californicus	0340	42.5	♀	m	pregnant!!	x	x
E-8.5	P. californicus	1235	RECAP				x	x
E-10	Pb	0412	"				x	x

↓ Start over weighing animals - ↓

Jan 31

W-1	Pb	0102	20	♂	m	TWO	x	x
W-2	Pb	012	20.5	♀	m	up, nullip	x	x
W-2.5	Pb	0310	22	♂	m	scrotal (early)	x	x
W-3	Pb	03200	23	♀	m	up, nullip	x	x
W-3	Pb	01002	22.5	♀	m	up, nullip	x	x
W-4	Pb	01302	19	♂	m	TWO	x	x
W-4	Perognathus	02000	19	♀	m	up, previous	x	x
W-4.5	Pb	01232	20.5	♂	m	TWO (late)	x	x
W-4.5	Pb	01322	23	♀	m	up, previous?	x	x
W-5.5	Pb	0332	22	♀	m	up, previous	x	x
W-6	P. californicus	010	35.5	♂	m	scrotal	x	x
W-6	Perognathus	01430	22.5	♂	m	scrotal	x	x



RIBBLE, D.O.  
1989

Journal - Drift Fence

Hastings Reservation, Monterey Co., Calif.

GRID PC Drift Fence

	St	SPP	No	WT	Sex	Age	Bdy	Caught		Released	
								IN	OUT	IN	OUT
Feb 4 (cont)	E-8	P. californicus	0340	Recap					X		X
	E-8.5	Perognathus	02020	"					X		X
	E-10	P. californicus	1244	39	♂	m	scrotal	X	X		
	E-10	"	040	Recap				X	X		
	E-11	P. californicus	1193	"					X		X
	E-6.5	Pb	0212	"					X		X
	E-3	Pb	01241	"					X		X
	E-1	Pb	0302	"				X		X	

~ closed all traps and left passageways open.

Feb 17 open - III III +10 2520 open = III III III closed = 1 not set = 11	W-3	Pb	0102	20.5	♂	m	TWO (close)	X		X	
	W-4	P. californicus	010	39.5	♂	m	scrotal		X		X
	W-6	Perognathus	02100	19	♀	m	imp, parous	X		X	
	E-1	Pb	0302	17.5	♀	m	imp, nullip	X		X	
	E-7	Perognathus	02020	20.5	♂	m	scrotal		X		X
	E-8	P. californicus	1235	37	♂	m	scrotal		X		X
	E-8.5	Pb	0212	19	♀	m	imp, nullip		X		X

Feb 18 W-5 - 01442 W-6 - 02440? W-8.5 - 02210	W-3	Pb	0102	Recap				X		X	
	W-4	Pb	01302	20	♂	m	TWO	X		X	
	W-4.5	Pb	01002	22	♀	m	imp, nullip	X		X	
	W-5	Pb	01030	23.5	♂	m	scrotal		X		X
	W-5	Perognathus	02100	Recap				X		X	
	E-1	Pb	0302	"				X		X	
	E-6	Perognathus	02020	"				X		X	
	E-9	Pb	0412	20.5	♂	m	TWO	X		X	
	E-8	P. californicus	1235	Recap					X		X
	E-8.5	Pb	0212	"				X		X	

Feb 19 W-1 - 01420 W-4 - 02130 W-6 - 02130 W-8.5 - 02130	W-1	Pb	0102	Recap					X		X
	W-4	Pb	01232	21	♂	m	TWO		X		X
	W-4	P. californicus	010	41	♂	m	scrotal	X		X	
	W-4.5	Pb	01002	Recap				X		X	
	W-6	Perognathus	02100	"				X		X	
	E-1	Pb	0302	"				X		X	
	E-6	Perognathus	02020	"					X		X
	E-7	Microtus	02030	37.5	♀	m	imp, parous	X		X	
	E-8.5	Pb	0412	Recap					X		X

Feb 20	E-1	Pb	0302	Recap					X		X
	E-6	Pb	01241	20.5	♀	m	imp, nullip	X		X	
	E-7	Perognathus	02020	Recap				X		X	
	E-8	P. californicus	0340	37	♀	m	pluf, parous		X		X
	E-8.5	P. californicus	1235	Recap					X		X
	W-9	Pb	0102	"					X		X
	W-6	Perognathus	02100	"				X		X	
	W-5	Pb	01030	"					X		X
	W-5	Pb	01322	23.5	♀	m	imp, parous	X		X	
	W-4.5	Pb	01302	Recap				X		X	
	W-4	Pb	01002	22.5			Mortality - caught in book		X		X
	W-4	P. californicus	010	Recap				X		X	



Journal - Drift Fence

GRID DC Drift Fence

	St	Sex	No	wt	Sex	Age	Bdy	Captured in	Out	Released in	Out
Feb 21	W-1	Pb	0102	Recap					X		X
	W-3	Pb	01432	23	♂	m	rad	X		X	
	W-4	Pb	01322	Recap				X			X
	W-4	P. californicus	010	"					X		X
	W-4.5	Pb	01232	"				X		X	
	W-4.5	Pb	01030	"					X		X
	W-4.5	Perognathus	02100	"				X		X	
	E-1	Pb	0302	"				X		X	
	E-5	Pb	01241	"					X		X
	E-7	Perognathus	02020	"					X		X
closed-1	E-9	Psaltriparus	1235	"					X		X
	E-8.5	Pb	0212	"					X		X
	E-11	Pb	0412	"				X		X	
Feb 22	W-1	Pb	0102	Recap					X		X
	W-2	Pb	0310	22	♂	m	scrotal		X		X
	W-3	Pb	01452	Recap					X		X
	W-3	P. californicus	010	"				X		X	
	W-4	Pb	01322	"				X		X	
	W-4.5	Pb	01232	"				X		X	
	W-6	Perognathus	02100	"				X		X	
	E-1	Pb	0302	"					X		X
	E-6.5	Pb	01241	"				X		X	
	E-6.5	Pb	01411	20	♂	m	rad		X		X
7/24=29%	E-7	Perognathus	02020	Recap				X		X	
	E-9	P. californicus	0340	"					X		X
	E-8.5	Pb	0412	"					X		X
6/20=30%	W-1	Pb	0310	Recap					X		X
	W-3	Pb	01322	"					X		X
	W-4	Pb	01432	"				X		X	
	W-4	P. californicus	010	"					X		X
	W-4.5	Perognathus	02100	"				X		X	
	W-9	Pb	0102	"				X		X	
	E-1	Pb	04011	17.5	♀	m	up, muller		X		X
	E-5	Pb	01241	Recap					X		X
	E-6	Pb	01202	21.5	♂	m	scrotal	X		X	
	E-6	Pb	01242	24	♀	m	up, pious		X		X
closed 9/	E-7	Perognathus	02020	Recap					X		X
	E-8	P. californicus	040	40	♂	m	scrotal	X		X	
	E-9	P. californicus	0340	Recap			perforate		X		X
	E-8.5	Pb	0412	"				X		X	
	E-8.5	P. californicus	01235	"					X		X





RIBBLE, D.O.  
1989

JOURNAL DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID RC

	St	SP	No	WT	Sex	Age	Body	Captured in (out)	Released in (out)
Feb 24	W-1	Pb	0310	23	♂	m	Scrotal	x	x
	W-2	Pb	03200	22.5	♀	m	up, paucis	x	x
	W-3	Pb	01322	24.5	♀	m	up, paucis	x	x
	W-4	Pb	01232	21	♂	m	TWD (close)	x	x
	W-4	P. californicus	010	37	♂	m	scrotal	x	x
	W-4.5	Pb	0102	20	♂	m	TWD	x	x
	W-5	Pb	01222	23.5	♀	m	up, nullip	x	x
	W-5	Pb	01302	20.5	♂	m	TWD	x	x
	W-6	Perognathus	02100	19	♀	m	up, paucis	x	x
	E-5	Pb	01241	19.5	♀	m	up, nullip	x	x
	E-6	Pb	01411	20	♂	m	TWD	x	x
	E-7	Perognathus	02020	21	♂	m	Scrotal	x	x
	E-8	P. californicus	0340	34	♀	m	up, paucis	x	x
	E-8.5	P. californicus	1235	35.5	♂	m	Scrotal	x	x
	W-1	Pb	03200	Recap				x	x
Feb 25	W-1	Pb	0310	"				x	x
	W-2	Perognathus	01430	24	♂	m	Scrotal	x	x
	W-3	P. californicus	1421	38	♀	m	up, nullip	x	x
	W-3	Pb	01432	23	♂	m	Scrotal	x	x
	W-4	Pb	01322	Recap				x	x
	W-4	P. californicus	010	"				x	x
	W-4.5	Pb	01212	22.5	♀	m	up, nullip	x	x
	W-4.5	Pb	01232	Recap				x	x
	W-5	Perognathus	02100	"				x	x
	W-8	Pb	0102	"				x	x
	E-1	Pb	04011	17	♀	m	up, nullip	x	x
	E-5	Pb	01241	Recap				x	x
	E-6	Pb	01202	21.5	♂	m	Scrotal	x	x
	E-6	Pb	01242	23	♀	m	up, nullip	x	x
	E-7	Perognathus	02020	Recap				x	x
	E-7	P. californicus	1235	"				x	x
	E-8	Pb	0412	20	♂	m	TWD	x	x
	E-8	P. californicus	0340	Recap			up, paucis	x	x
	E-8.5	P. californicus	040	39	♂	m	Scrotal	x	x
	W-1	Pb	0310	Recap				x	x
Feb 26	W-1	Pb	0102	"				x	x
	W-2	Pb	03200	"				x	x
	W-3	Pb	01322	"				x	x
	W-4	Perognathus	02100	"				x	x
	W-4	P. californicus	010	"				x	x
	W-4.5	Pb	01232	"				x	x
	W-5	Pb	01030	24	♂	m	Scrotal	x	x
	W-5	Pb	01222	Recap				x	x
	W-8	Pb	04101	20	♀	m	up, nullip	x	x
	W-9	R. megalotis	02130	10	♀	m	up, nullip	x	x
	E-1	Pb	0302	14	♀	m	up, nullip	x	x
	E-1	Pb	04011	Recap				x	x
	E-5	Pb	01241	"				x	x



RIBBLE, D.O.  
1989

# JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID RC Drift Fence

	St	SPP	NO	WT	Sex	Age	Bldg	Caught in	Caught out	Released in	Released out	
	E-6	Pb	01242	Recap					X		X	
Feb 26	E-6	P. californicus	0410	"				X		X		
(cont)	E-7	Perognathus	02020	"				X		X		
	E-8	P. californicus	0340	"					X	X		wrong side
10/20 = 50%	E-8.5	P. californicus	1235	"					X		X	
	E-10	Pb	0412	"				X		X		
	E-11	Pb	01022	23	♂	m	scotal	X		X		
Feb 27	W-1	Pb	03200	Recap				X		X		
	W-1	Pb	0310	"					X		X	
closed - 11/1	W-3	P. californicus	1421	"				X		X		Doublet later
	W-3	Pb	01432	"					X		X	
	W-4	Pb	01232	"					X		X	
11/20 = 55%	W-4	Pb	01322	"				X		X		
	W-4.5	Pb	0102	"					X		X	
	W-5	Pb	01222	"					X		X	
	W-5	Pb	01302	"				X		X		
	W-7	Perognathus	02100	"				X		X		
	W-8	P. californicus	010	"				X		X		
closed - 1	E-1	Pb	0302	"					X		X	
	E-6	Pb	01241	"				X		X		
7/21 = 33%	E-6	Pb	01411	"					X		X	
	E-7	Perognathus	02020	"				X		X		
	E-8	Pb	01212	"					X		X	
	E-8.5	P. californicus	1235	"					X		X	
	E-11	Pb	01022	"				X		X		
Feb 28	W-1	Pb	0310	Recap					X		X	
	W-1	Pb	0102	"				X		X		
	W-2	Pb	03200	"					X		X	
10/23	W-3	Perognathus	01430	24	♂	m	scotal		X		X	
	W-4	Pb	01432	Recap				X		X		
	W-4	P. californicus	010	"					X		X	
	W-4.5	Pb	01322	"					X		X	
closed - 1	W-4.5	Pb	01232	"				X		X		
	W-5	Pb	01222	"					X		X	
	W-6	Perognathus	02100	"					X		X	
	W-8	Pb	04101	"				X		X		
	E-1	Pb	04001	"					X		X	
	E-5	Pb	0302	"				X		X		
	E-5	Pb	01241	"				X		X		
closed - 1	E-6	Perognathus	02020	"				X	X		X	
	E-7	Pb	01411	"				X		X		
	E-8	P. californicus	040	"				X		X		
6/20	E-8	P. californicus	0340	"					X		X	
	E-8.5	Pb	0412	"				X		X		
	E-8.5	P. californicus	1235	"					X		X	



LIBBLE, D.O.  
1989

# Journal - Drift Fence

Hastings Reservation, Monterey Co., Calif

## GRID RC DRIFT FENCE

	St	SpP	No	Wt	Sex	Age	Bldg	Caught		Released	
								in	out	in	out
March 1 closed - 111  15/21 = 71% add 6	W-1	Pb	0102	Recap							
		P. californicus	010	"							
	W-2	Pb	03200	"							
		Perognathus	01430	"							
	W-3	Pb	0310	"							
		Pb	01322	"							
	W-4	Pb	01432	"							
		Pb	01212	"							
	W-4.5	Perognathus	02100	"							
		Pb	01222	"							
	W-5	Pb	01302	"							
(W) closed - 11 W/20 = 50	W-6	P. californicus	1421	"			perforate				
	W-8	Pb	04101	"							
	W-9	Pb	01030	"							
	W-11	R. megalotis	02140	♀	♂	m	scrotal				
		Pb	01241	Recap							
	E-5	Pb	01312	22	♀	m	up, various				
		Pb	01411	Recap							
	E-6	Pb	01202								
	E-7	Perognathus	02020	"							
		P. californicus	0340	"							
	E-8	P. californicus	1235	"							
March 2 W-01422 W-01440 W-02210 W-01420 W-02200 closed - 1 19/29 =	E-8.5	P. californicus	0410	"							
	E-11	Pb	0412	"							
		Pb	04430	24	♀	m	up, various				
	W-1	Pb	01322	Recap							
		Pb	03200	"							
	W-2	Pb	01232	"							
	W-2.5	P. californicus	020	51	♀	m	lact's, rug				
		Pb	0310	Recap							
	W-3	P. californicus	1431	"							
	W-4	Pb	01432	"							
	W-4.5	Pb	01212	"							
W-01422 W-01440 W-02210 W-01420 W-02200 closed - 1 19/29 =	W-4.5	Perognathus	02100	"							
	W-5	Pb	01302	"							
		Perognathus	01430	"							
	W-5.5	Pb	01222	"							
	W-6	P. californicus	010	"							
		P. californicus	01130	10	♂	m	scrotal				
	W-7	R. megalotis	02440	Recap							
		Pb	01030	"							
	W-8	Pb	0410.1	"							
	W-8.5	Pb	0102	"							
	W-9	Pb	02130	9	♀	m	up, ?				
W-01422 W-01440 W-02210 W-01420 W-02200 closed - 1 19/29 =		Pb	0302	Recap							
	E-1	Pb	0212	"							
	E-3	Pb	01241	"							
		Pb	02020	"							
	E-5	Perognathus	02020	"							

Dusted Orange  
(Grid 8.5!)

wrong release





RUSSELL, D.O.  
1988

Journal - Drift Fence

Hastings Reservation, Monterey Co., Calif.  
1988 DR drift fence

	St	Spp	No	Wt	Sex	Age	Body	Caught CW	Released CW	Released OUT	
March 2	E-6	Pb	01312 01202	Recap "				X	X	X	
(cont)	E-7	Pb	01411 01422	" "				X	X	X	
13/22	E-8	P. californicus	01235	"				X	X	X	
	E-8.5	P. californicus	1478	36	♂	im	scrotal	X	X	X	
	E-9	P. californicus	1264	44	♂	im	scrotal	X	X	X	f.c. #0100 wanted back!
	E-9	Pb	0412	Recap				X	X	X	
	E-11	P. californicus	040	"				X	X	X	
March 3	W-1	Pb	0401	Recap				X	X	X	
	W-2.5	Pb	03200	"			<del>lact</del> lact	X	X	X	
		P. californicus	020	"				X	X	X	
	W-3	Pb	0102	"				X	X	X	
		Pb	0322	"				X	X	X	
	W-4	P. californicus	010	"				X	X	X	
	W-4.5	P. californicus	1269 1421	38.5 Recap	♂	im	scrotal	X	X	X	
	W-5	Pb	01402	"				X	X	X	
	W-5.5	Perognathus	02100	"				X	X	X	
closed-1		Pb	01432	"				X	X	X	
	W-6	Pb	0332	"				X	X	X	
17/33		P. megalotis	02130	"				X	X	X	
	W-7	Perognathus	01430	"				X	X	X	
	W-8	Pb	01030 04101	" "				X	X	X	wrong release
	W-12	Pb	02490	He	♂	im	scrotal	X	X	X	
	E-3	Pb	0212	Recap				X	X	X	wrong release
	E-1	Pb	0302	"				X	X	X	
	E-5	Pb	01411	"				X	X	X	
	E-5.5	Pb	01241 01242	" "				X	X	X	
	E-6	Pb	01202 01302	" "				X	X	X	
15/26	E-7	Perognathus	02020	"				X	X	X	wrong release
		Sorex macrurus?	Cat No	Mortality				X	X	X	
	E-8	P. californicus	1235	"				X	X	X	
	E-8.5	P. californicus	0340	"				X	X	X	
		Pb	0412	"				X	X	X	
	E-9	P. californicus	1264 (0100)	"				X	X	X	wanted back
	E-10	P. californicus	040	"				X	X	X	
	E-11	Pb	01022	"				X	X	X	
March 4	W-1	Pb	0401	Recap				X	X	X	
	W-2	Pb	03200	"				X	X	X	
	W-2.5	Pb	0310 01322	" "				X	X	X	
		P. californicus	01421	"				X	X	X	
	W-3	P. californicus	020	"				X	X	X	



RIBBLE, D.D.  
1989

Journal - Drift Fences

Hastings Reservation, Monterey Co., Calif

GRID RC drift fence

March 4  
(cont)

Closed - 1

St	Spp	No	Wt	Sex	Age	Bldg	Caught in	Released out
W-4	Pb	01302	Recap					
	P. californicus	010	"				x	x
W-4.5	Pb	01212	11				x	x
W-5	Pb	01232	"				x	x
W-5.5	Perognathus	01222	"				x	x
		01430	"				x	x
		02100	"				x	x
W-8	Pb	0102	"				x	x
W-9	Pb	04101	"				x	x
W-11	R. megalotis	02130	"				x	x
		02140	"				x	x
W-12	Pb	02400	"				x	x
E-1	Pb	0302	"				x	x
E-5	Pb	01241	"				x	x
E-5.5	Pb	0312	"				x	x
E-6	Pb	01312	"				x	x
E-7	Perognathus	01411	"				x	x
E-8	Perognathus	02020	"				x	x
E-9	P. californicus	0410	"				x	x
		0340	"				x	x
E-9.5	P. californicus	1103	44.5	F	m	up, midsp?	x	x
		1235	Recap				x	x
E-9	Pb	0412	"				x	x
E-11	Pb	01022?	"				x	x
		04430	"				x	x

~ closed traps, passageways left open

01422 March 15

02440

02210

01420

02200

March 16  
open - 11H 11H  
11H 11H 1

W closed - 11

E - closed - 11

closed - 11

W-2	P. californicus	010	40.5	♂	m	scrotal	x	x
W-3	P. californicus	1421	36.5	♀	m	perf, nullip	x	x
W-4	P. californicus	020	49	♀	m	up, last/pug	x	x
W-8	Pb	0102	22	♂	m	ind (claw)	x	x
W-9	R. megalotis	02130	9.5	♀	m	up, nullip	x	x
W-9	Pb	04101	21	♀	m	up, pairs	x	x
W-11	R. megalotis	02140	9	♂	m	scrotal	x	x
E-7	Perognathus	02020	21	♂	m	scrotal	x	x
E-8	P. californicus	1235	38.5	♂	m	scrotal	x	x
E-11	Pb	01022	24.5	♂	m	scrotal	x	x
W-1	P.C.	1421	Recap				x	x
W-3	P.C.	010	"				x	x
		020	"				x	x
W-4	Pb	01322	25	♀	m	last up, pairs	x	x
W-4.5	Pb	01232	25	♂	m	scrotal	x	x
W-5	Pb	01432	27	♂	m	"	x	x
W-6	Pg	01430	26	♂	m	"	x	x
W-6	Pb	0102	Recap				x	x
W-6	R. megalotis	02130	"				x	x
W-6	Pb	04101	"				x	x
W-9	R. megalotis	02140	"				x	x

Dusted 1/20/89  
Dusted 02/15/89  
Foot # 03 scrotal

11/28 = 39%



RIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif  
GRID T2C Drift Fence.

	ST	SPP	NO	WT	Sex	Age	Body	Caught		Released		
								IN	OUT	IN	OUT	
March 16 (cont) closed = 1 Success = $\frac{7}{23} = 30\%$	E-1	Pb	0302	19	♀	m	imp, nullip		X		X	
	E-7	Pg	02020		♀	CA		X			X	
	E-8	PC	1235	Recap					X		X	
	E-8.5	Pb	0412	23	♂	m	TD		X		X	
	E-11	Pb	01241	22	♀	m	m, n	X		X		
March 17 Closed - 1 Success = $\frac{13}{29} = 45\%$	W-1	P. californicus	1421	Recap					X		X	went east
	W-2	Pb	01212	25	♀	m	imp, nullip		X		X	" "
	W-2.5	P. californicus	020	Recap			lact		X	X		
	W-3	P. californicus	010	"					X		X	Green in east
	W-3	N. P. scap	1356	275	♂		m, scrotal	X		X		
	W-4	Pb	01322	Recap					X		X	
	W-4.5	Pb	01432	"				X		X		
	W-6	P. californicus	1430	"			scrotal	X		X		
	W-7	R. meg	02140	"				X		X		
	W-8	P. boylii	0102	"				X		X		
	W-8.5	Pb	04101	"				X		X		
	W-9	R. meg	02130	"					X		X	
	E-6	Pb	01241	"					X		X	
	E-7	P. californicus	02020	"				X	X		X	
	E-8	P. californicus	1235	"				X	X		X	
March 18 Success = $\frac{8}{24} = 33\%$	E-8.5	P. californicus	0340	89	♀	m	perf. parous		X		X	
	E-10	Pb	0440	43	♂	m	scrotal	X		X		
	E-11	Pb	04430	26	♀	m	imp, parous	X		X		
	E-11	Pb	0412	Recap				X		X		
	E-11	Pb	01022	"					X		X	
March 19 Success = $\frac{8}{29} = 28\%$	W-1	P. californicus	1421	Recap				X	X	X	X	
	W-4	Pb	0322	"					X		X	
	W-4	P. californicus	010	"				X		X		
	W-4.5	Pb	0102	"				X		X		
	W-6	P. californicus	01430	"				X		X		
	W-6	Pb	01432	"					X		X	
	W-7	R. meg	02140	"					X		X	
	W-8	R. meg	02130	"				X		X		
	E-1	Pb	04011	18	♀	m	imp, nullip		X		X	
	E-6	Pb	01241	Recap				X		X		
	E-7	Pb	0212	19	♀	m	imp, nullip	X		X		
	E-7	P. californicus	02020	Recap					X		X	
	E-8	Pb	0412	"				X		X		
	E-11	Pb	01022	"					X		X	
	E-11	Pb	04430	"				X		X		





PURBEE, D.Q.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID T2C drift fence

	St	SPP	No	WT	Sex	Age	Body	Caught		Released	
								IN	OUT	IN	OUT
March 19	W-1	P. californicus	1421	Recap					X		X
	W-2	Pb	0310	22.5	♂	M	Scrotal		X		X
	W-2.5	Pb	03200	22.5	♀	M	up, parous		X		X
	W-4	Pb	01322	Recap				X		X	
	W-4	P. californicus	010	"					X		X
	W-4.5	Pb	01232	"					X		X
	W-4.5	Pb	0102	"				X		X	
	W-5	Pb	0222	24	♀	M	up, parous		X		X
	W-5	Pb	01432	Recap				X		X	
	W-6	Perognathus	01430	"				X		X	
	W-8.5	Pb	04101	"				X		X	
	W-11	Rumex	02130	"					X		X
	E-1	Pb	0302	"					X		X
	E-7	Perognathus	02020	"				X		X	
	E-7	Pb	01241	"					X		X
March 20	E-8	P. californicus	0340	40	♀	M	up, parous		X		X
	E-8.5	P. californicus	040	Recap				X		X	
	E-10	Pb	04430	"				X		X	
	E-10	Pb	0412	"				X		X	
	E-11	Pb	01022	"					X		X
	W-1	P. californicus	1421	Recap				X		X	
	W-2.5	Pb	03200	"					X		X
	W-3	P. californicus	010	"				X		X	
	W-4	Pb	01232	"					X		X
	W-4	Pb	01322	"				X		X	
	W-4.5	Pb	01432	"				X		X	
	W-6	Rumex	02440	"					X		X
	W-6	Perognathus	01430	"				X		X	
	W-6.5	Pb	01222	"				X		X	
	W-8	Pb	04101	"				X		X	
March 21	E-1	Pb	0302	"					X		X
	E-6	Pb	01241	"				X		X	
	E-6	Pb	04011	"					X		X
	E-7	Pb	01422	"					X		X
	E-7	Perognathus	02020	"				X		X	
	E-8	Pb	0412	"				X		X	
	E-8.5	P. californicus	1235	"					X		X
	W-1	Pb	03200	Recap					X		X
	W-3	P. californicus	01421	"					X		X
	W-4	Pb	01322	"				X		X	
	W-4.5	Pb	01432	"					X		X
	W-6	Perognathus	01430	"				X		X	
	W-6	P. californicus	010	"					X		X
	W-8.5	Pb	0102	"				X		X	
	W-9	Pb	04101	"					X		X
	E-1	Pb	0302	"					X		X
	E-1	Pb	04011	"				X		X	

March 19

2-1  
Success = 12/29 = 41%

closed - 1  
Success = 8/23 = 35%

March 20

Success = 10/30 = 33%

1 closed = 7/23 = 31%

March 21

closed - 1

Success = 8/29 =

Recap, nullified

should have weighed



RIBBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DC Drift Fence

	St	SPD	No	WT	Sex	Age	Buds	Caught		Released		
								IN	OUT	IN	OUT	
March 21 (cont)	E-6	Pb	01422	should	have	weighed			X		X	
	E-7	Perognathus	02020	RECAP				X		X		
	E-8	P. californicus	1235	"					X		X	
	E-8.5	Pb	01422	20	♀	SM	up, mullip	X		X		wanted back
	E-10	P. californicus	040	RECAP					X		X	
March 22	E-11	Pb	0412	"				X		X		
	E-11	Pb	04430	22.5	♀	M	up, parous	X		X		
	E-11	Pb	01022	RECAP					X		X	
	W-2	Pb	0310	RECAP					X		X	
	W-2.5	Pb	01212	"					X		X	
March 22	W-3	P. californicus	1421	"					X		X	
	W-3	Pb	<del>12321</del> 02321	"	02321	??		X		X		
	W-4	Pb	01432	"					X		X	
	W-4	Pb	01322	"				X		X		
	W-6	Perognathus	01430	"					X		X	
March 22	W-8	P. californicus	010	"				X		X		
	W-8	Pb	0102	"				X		X		
	W-8.5	Pb	04101	"				X		X		
	W-9	R. meg	02140	"					X		X	
	W-12	R. meg	02130	"					X		X	
March 22	E-1	Pb	0302	"					X		X	
	E-6	Pb	01241	"				X		X		
	E-6	Perognathus	02020	"					X		X	
	E-7	Pb	01422	"				X		X		
	E-8.5	P. californicus	1235	"					X		X	
March 22	E-11	Pb	01022	"				X		X		
	E-11	Pb	04430	"					X		X	
	W-2	Pb	0102	23.5	♂	m	Scrotal	X		X		
	W-2.5	P. californicus	1421	39	♀	M	Ref, mullip	X		X		
	W-3	Pb	0310	23.4	♂	m	Scrotal		X		X	
March 22	W-3	Pb	01232	24.5	♂	m	Scrotal	X		X		
	W-4	Perognathus	02100	19.5	♀	M	up, parous		X		X	
	W-4.5	Pb	01030	26	♂	M	Scrotal		X		X	
	W-4.5	P. californicus	010	38.5	♂	M	Scrotal	X		X		
	W-6	Perognathus	0130	26	♂	M	Scrotal		X		X	
March 22	W-7	Perognathus	01430	26	♂	M	Scrotal		X		X	
	W-9	R. meg	02140	9.5	♂	M	Scrotal		X		X	
	W-12	R. meg	02130	9.5	♀	M	up, mullip	X		X		
	E-1	Pb	04011	19.5	♀	M	up, mull	X		X		
	E-1	Pb	0302	18	♀	M	up, mull		X		X	
March 22	E-6	Perognathus	02020	20	♂	M	Scrotal	X		X		
	E-6	Pb	0262	19	♀	M	up, mullip		X		X	
	E-7	Pb	01202	23.5	♂	M	Scrotal		X		X	
	E-8	Pb	01241	22	♀	M	up, mull?	X		X		
	E-8	P. californicus	040	40.5	♂	M	Scrotal		X		X	
March 22	E-9	P. californicus	0340	42	♀	M	Ref, parous		X		X	
	E-10	Pb	01022	25	♂	M	Scrotal	X		X		
	E-11	Pb	0412	22.5	♂	M	Scrotal	X		X		
	E-11	Pb	0412	22.5	♂	M	Scrotal	X		X		
	E-11	Pb	0412	22.5	♂	M	Scrotal	X		X		



LIBBLE, D.D.  
1989

# JOURNAL - DRIFT FENCE DATA

Hastings Reservation, Monterey Co., Calif

GRID RC Drift Fence

	St	Spp	No	Wt	Sex	Age	Bdyg	Caught		Released	
								in	out	in	out
March 31	W-1	Pb	03200 01322	25 25.5	♀ ♀	m m	ref, parous up, parous		x		x
closed-11	W-2	Pb	0310 0102	Recap u				x	x		x
	W-2.5	Pb	01212	24.5	♀	m	up, nullip		x		x
4/32 = 44%	W-3	P. californicus	1421	Recap				x		x	
	W-4	P. californicus	1257	38.5	♂	m	scrotal		x	x	
	W-4.5	Pb	01030	Recap					x		x
	W-5	Perognathus	0130	u					x		x
	W-6	Perognathus	02100	u					x		x
	W-7	P. californicus	010	u				x		x	
	W-7	Perognathus	01430	u					x		x
	W-7	Pb	01222	26	♀	m	ref, nullip	x		x	
	W-9	R. meg.	02140	Recap				x		x	
closed-1	E-1	Pb	04011 0302	u u				x	x		x
	E-6.5	Pb	0212	u					x		x
	E-6	Perognathus	02020	u				x		x	
	E-7	Pb	0412 01202	u u				x		x	
	E-8	P. californicus	1235	39	♂	m	scrotal		x		x
13/25 = 52%	E-8.5	P. californicus	1183	52	♀	m	preg, nullip	x		x	
	E-9	Pb	0340	Recap					x		x
	E-9	Pb	01241	u					x		x
(N)	E-10	Perognathus	02210	23	♀	m	up, parous		x		x
	E-10	Pb	03141	23.5	♂	m	scrotal	x		x	
	E-11	Pb	01022	Recap				x		x	
April 1	W-1	Pb	0102 01322	Recap u					x		x
	W-2	Pb	04101	23	♀	m	ref, parous	x		x	
W-3	P. californicus	020	53.5	♀	m		Pregnant!		x	x	
W-4	Perognathus	010	Recap					x		x	
W-4.5	Pb	0130	u						x		x
W-5	Perognathus	0401	25	♂	m		scrotal		x		x
W-5	Perognathus	02100	Recap					x		x	
W-5.5	Pb	01432	20	♀	m		scrotal	x		x	
W-5.5	Perognathus	01430	Recap						x		x
W-6	Pb	03230	23	♀	m		up, parous	x		x	
W-6.5	Pb	01222	Recap					x		x	
W-6.5	Pb	01302	23.5	♂	m		scrotal	x		x	
W-9	R. meg.	02140	Recap					x		x	
	E-1	Pb	0302 04011	u u					x		x
closed-1	E-6.5	Pb	0212	u				x	x		x
	E-6.5	Perognathus	02020	u				x		x	
	E-7	Pb	01202	u					x		x
	E-8	Pb	01241	u				x		x	

mated or sub

Dusked or dusk

Dusked or dusk

Success = 14/31  
(4 closed)

Success = 10/29  
(1 closed)



RUBBLE, D.O.  
1989

# JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DC drift fence

	St	Spp	No	WT	Sex	Age	Recd	Caught in	out	Released in	out	
April 1 (cont)	E-8.5	P. californicus	1235	recap					X		X	(good birth)
	E-8.5	P. californicus	1183	46g	recap		lactating	X			X	
	E-10	Pb	01022	recap				X		X		
	E-11	Pb	04430	24	♀	im	imp null.	X		X		

April 2	W-1	Pb	0102	recap					X		X	
	W-1	Pb	0132L	"				X		X		
	W-2	Pb	04101	"				X		X		
	W-2	Pb	03230	"					X		X	
	W-2.5	Pb	01212	"					X		X	
(u)	W-2.5	Pb	0143L	23	♀	im	imp null	X		X		

Success = 17/34 = 50%

	W-3	P. californicus	010	recap					X		X	
	W-3	Perognathus	02100	"				X		X		
	W-4	Perognathus	0130	"					X		X	
	W-4	P. californ.	1421	"				X		X		
	W-4.5	P. b.	01432	"				X		X		
	W-4.5	P. b.	01030	"					X		X	
	W-5	P. b.	01222	"					X		X	
	W-6	Perogn.	01430	"					X		X	
(u)	W-8	P. b.	01442	21.5	♀	im	imp null		X		X	
	W-8	P. b.	0130L	recap				X		X		
	W-9	Rm	02140	"				X		X		
	E-1	P. b.	04111	"					X		X	

Recap = 16/30 =

	E-1	P. b.	0302	"				X		X		
	E-5	Perognathus	02020	"				X		X		
	E-5.5	P. b.	01202	"					X		X	
	E-6.5	P. b.	0142L	"				X		X		
	E-6.5	P. b.	01312	"					X		X	
	E-7	P. b.	01241	"					X		X	
	E-8	P. californicus	0340	"					X		X	
(u)	E-8.3	P. b.	0012	21	♂	im	scrotal	X		X		
	E-8.3	P. b.	02002	24	♀	im	imp null		X		X	

	E-8.6	P. californicus	1235	recap					X		X	
	E-9	P. californ.	0040	recap					X		X	
	E-9	"	1183	"			lact	X			X	orange visible in ears?

	E-9.5	P. boylii	03141	"					X		X	
	E-10	P. b.	04430	"				X		X		
	E-11	P. b.	01022	"				X		X		

April 2 (Am)	E-8	P. californicus	1235	Recap	no sign of powder			X		X		
--------------	-----	-----------------	------	-------	-------------------	--	--	---	--	---	--	--

April 3	E-1	Pb	04011	Recap				X		X		
---------	-----	----	-------	-------	--	--	--	---	--	---	--	--

	E-5.5	Pb	01202	"					X		X	
--	-------	----	-------	---	--	--	--	--	---	--	---	--

	E-6	Pb	01422	"					X		X	
--	-----	----	-------	---	--	--	--	--	---	--	---	--

	E-6.5	Pb	0412	"				X		X		
--	-------	----	------	---	--	--	--	---	--	---	--	--

	E-7	Pb	01241	"					X		X	
--	-----	----	-------	---	--	--	--	--	---	--	---	--

Success = 15/35

	E-8	Pb	02002	"				X		X		
--	-----	----	-------	---	--	--	--	---	--	---	--	--

	E-8.3	P. californicus	1183	41.5	Recap		no milk visible.	X		X		Dusted orange
--	-------	-----------------	------	------	-------	--	------------------	---	--	---	--	---------------

	E-8.5	P. californicus	1235	Recap				X		X		
--	-------	-----------------	------	-------	--	--	--	---	--	---	--	--

tech to lab to check for ORANGE powder - yes - Ring around ears, mouth.



#

0100 ♀ PT 3leg, bet.  
babies

01000	♀	6.Bg.	} eyes closed Pinna erect.
02000	♀	7g.	
03000	♀	7g	
04000	♀	6.Bg	

RIBBLE, D.D.  
1984

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID PC drift fence

	St	Spp	No	WT	Sex	Age	Bridg	Caught		Released		
								IN	OUT	IN	OUT	
April 3	E-8.5	P. californicus	0340	44	♀	IM	up, narrow. Pass?	X			X	Dusted green
(cont)	E-9	Pb	03141	Recap				X			X	
W-02022	E-10	Perognathus	02020	21.5	♂	IM	Scrotal	X		X		
W-02220	E-11	Pb	04430	Recap				X		X		
			01022	"					X		X	
	W-1	Pb	0102	"					X		X	
chk-02040	W-2	Pb	01322	"				X		X		
	W-2	Pb	01212	"					X		X	
W-01420	W-3	Pb	01432	"				X		X		
	W-3	Pb	01232	"				X		X		into the O!
W-02700	W-4	P. californicus	1421	"				X	X	X	X	
	W-4.5	Pb	01030	"					X		X	
	W-5	Perognathus	0130	"					X		X	
Cloud-11	W-5	Pb	01432	"				X		X		
	W-5.5	Perognathus	01430	"				X		X		
Success = 16/36	W-6	Perognathus	02100	"					X		X	
	W-7	Pb	01222	"					X		X	
	W-8	Pb	01302	"				X		X		
	W-8.5	Pb	01442	"				X		X		
	W-9	R. megalotos	02140	"				X		X		
	~ closed traps on EAST fence only and left passageways open ~											
April 4	W-1	Pb	01322	Recap					X		X	
	W-2	Pb	01212	"					X		X	
Cloud-111	W-3	Pb	02012	22.5	♂	IM	Scrotal	X		X		
	W-4	Pb	01232	Recap				X		X		
	W-4	P. californicus	1526	34.5	♂	LSAD	TWD	X		X		checked to lab while tail tip
W-01635	W-4.5	Pb	01030	"					X		X	
	W-5	Pb	03230	"					X		X	
	W-5	Pb	01432	"				X		X		
	W-6	Perognathus	02100	"					X		X	
	W-6	P. californicus	1421	"				X		X		
	W-6.5	Pb	04101	"				X		X		
	W-7	Perognathus	01430	"					X		X	
	W-7	Pb	01430	"					X		X	
	W-8	Pb	0102	"				X		X		
	W-9	R. megalotos	02140	"				X		X		
	W-11	Pb	01442	"					X		X	
	~ Start over weighing animals ~											
April 5	W-1	Pb	02012	22.5	♂	IM	Scrotal	X		X		
	W-1	Pb	03200	24	♀	IM	up, narrow		X		X	
	W-2	Pb	01212	22.5	♀	IM	up, mid lip	X		X		
	W-2	Pb	01432	22.5	♀	IM	up, mid lip	X		X		
W-01635	W-4	P. californicus	1526	21	♂	IM	TWD		X		X	Colubor DRADGE. w-t-r
	W-4	P. californicus	010	37	♂	IM	Scrotal	X		X		jumped back over lead spot
	W-4.5	Pb	03230	21	♀	IM	up, mid lip		X		X	
	W-4.5	P. californicus	1421?	escaped			while handling	X		X		



Journal-Drift Force

GRID DC drift force

	St	Spp	No	Wt	Sex	Age	Body	Caught	Released	
								IN	OUT	
	W-5	Pb	01432	26	♂	M	scrotal	x		
April 5	W-55	Perognathus	0130	23	♂	M	scrotal		x	
(cont)	W-6	Perognathus	02100	21	♀	M	up, parous		x	
W-11	W-657	Pb	01222	24.5	♀	M	perf, parous?		x	
W-8	W-8	Pb	0102	22.5	♂	M	scrotal	x		
W-9	W-9	Pb	01302	22.5	♂	M	scrotal	x		
W-11	W-11	Pb	01030	24	♂	M	scrotal		x	
W-11	W-11	Pb	01442	20.5	♀	M	up, nullip	x		
April 6 (PM)	10me of E-7	P. californicus	1183	46g	♀	M	swollen, no milk			
	5me of E-8	P. californicus	0340	45	♀	M	Pregnant			
April 6 (AM)	3me of E-8	P. californicus	040	40.5	♂	M	scrotal			
	E-8	P. californicus	1478	37.5	♂	M	scrotal		x	
	E-8.3	P. californicus	1235	39.5	♂	M	scrotal	x		
	E-8.5	Pb	01422	22	♀	M	up, null		x	
	E-8.8	Pb	02002	24.5	♀	M	up, parous?		x	
	E-10	Perognathus	02210	22.8	♀	M	up, parous		x	
	E-11	Pb	01022	24	♂	M	scrotal	x		
	E-7	Pb	04430	23	♀	M	up, nullip		x	
	E-7	Pb	0302	18	♀	M	up, nullip		x	
	E-7	Pb	01201	21.5	♀	M	up, nullip	x		
W-11	W-11	Pb	02022	20	♀	M	up, nullip		x	
W-11	W-11	Pb	0212	19	♀	M	up, nullip		x	
W-11	W-11	Pb	01442	RECAP				x		
W-11	W-11	Pb	01302	"				x		
W-11	W-11	Pb	01030	"				x		
W-11	W-11	Pb	04101	24	♀	M	perf, nullip	x		
W-11	W-11	Pb	01222	RECAP					x	
W-11	W-11	Pb	02100	"					x	
W-11	W-11	Pb	01526	31.5	♂	SAD	TAD (close)	x		
W-11	W-11	Pb	01322	25.5	♀	M	perf, parous		x	
W-11	W-11	Pb	01432	RECAP				x		
W-11	W-11	Pb	03230	"					x	
W-11	W-11	Pb	1421	39	♀	M	up, nullip		x	
W-11	W-11	Pb	010	RECAP				x		
W-11	W-11	Pb	1513	25	♂	Lun	TAD		x	
W-11	W-11	Pb	01430	24.5	♂	M	scrotal	x		
W-11	W-11	Pb	01212	RECAP					x	
W-11	W-11	Pb	0102	"				x		
W-11	W-11	Pb	01432	"					x	
W-11	W-11	Pb	0212	"				x		
April 6 (PM)	E-7	P. californicus	1530	30	♂	L.SAD	TAD	x		
April 7 (PM)	E-8	P. californicus	040	41	♂	M	scrotal	x		



RIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID RC

	St	Spp	No	WT	Sex	Age	Bdgs	Caught		Released		
								in	out	in	out	
April 11 open - THH THH THH THH THH closed IIII 12/25	W-1	Pb	01000	20.5	♂	m	TND (close)		x		x	
	W-2	Pb	04101	26.5	♀	m	perf	x		x		
	W-5	Perognathus	02100	21	♀	m	up, parous		x		x	
	W-6	P. californicus	010	38.5	♂	m	scrotal		x		x	
	W-6.5	Pb	01222	25	♀	m	up, parous		x		x	
	W-8	Perognathus	01330	24	♂	m	scrotal	x		x		
	W-8.5	Pb	0102	23.5	♂	m	scrotal	x		x		
	W-11	R. megalobis	02130	13	♀	m	plug!	x		x		
	E-6	Pb	0212	20.5	♀	m	perf, parous		x		x	
	E-6.5	Pb	0412	21.5	♂	m	scrotal	x		x		
April 11 (Pn) April 12 Closed H.	E-7	Perognathus	02020	21	♂	m	scrotal		x		x	
	E-8	Pb	02020	26	♀	m	perf	x		x		
	E-8	P. californicus	0340	40	♀	m	perf, last		x	x		fresh sperm plug, dusky GFP
	E-8.3	Pb	03141	23.5	♂	m	scrotal		x		x	
	E-8.5	P. californicus	1235	38	♂	M	Scrotal	x		x		
	E-8.5	Pb	01022	25					x		x	
	E-10	Pb	04430	23	♀	m	up, parous	x		x		
	E-8	P. californicus	1235	Recap	covered w/ GRBBN			x	x	x		
	E-8.5	P. californicus	0340	"				x	x			
	15mE of E4	P. californicus	1193	47	♀	m	last? no milk	removed collar		Dusted Orange		
April 12 W-02042 W-02320 W-02440 W-01420 W-03740	W-1	Pb	02022	19.5	♂	m	scrotal	x		x		
	W-2	Pb	01212	25.5	♀	m	up, milk		x		x	
	W-2	Pb	02012	22	♂	m	scrotal	x		x		
	W-3	Perognathus	02100	Recap				x		x		
	W-4	Perognathus	01430	24	♂	m	scrotal	x		x		Leaving box #0300
	W-4	P. californicus	010	Recap					x		x	
	W-6	Pb	01030	24.5	♂	m	scrotal		x		x	
	W-8	Pb	04101	Recap				x		x		
	W-9	P. californicus	1535	25	♂	Imm	TND	x		x		Returned to lab
	E-3	Pb	02032	23	♀	m	perf, parous	x		x		
closed-1	E-5	Pb	0212	Recap					x		x	
	E-6.5	Perognathus	02020	"					x		x	
	E-6	Pb	01241	21.5	♀	m	perf, milk	x		x		
	E-7	Perognathus	02210	23.5	♀	m	up, milk		x		x	
	E-8	P. californicus	1235	Recap					x	x		
	E-8.3	Pb	03141	"					x		x	
	E-10	Pb	04430	"				x		x		
	E-11	Pb	01022	"					x		x	rounded
	E-8	W. P. Calif.	0340	40.5	♀	m	up, swollen, no milk		x	x		
	E-8	Pb	02012	Recap				x		x		
April 13	W-1	P. californicus	1535	"					x		x	
	W-2	Pb	01432	23	♀	m	up, milk	x		x		
	W-2	Pb	0310	24.5	♂	m	scrotal		x		x	
	W-2.5	Pb	0102	Recap				x		x		
	W-3	Pb	01212	"					x		x	
	W-3	Pb	01032	24.5	♂	m	scrotal	x		x		





JOURNAL-DRIFT FENCE

GRID DC

	St	Spp	No	WT	Sex	Age	Bridg	Caught in	out	Released in	out	
April 13 (cont)	W-4	P. Californicus	1421	42.5	♀	m	up, preg?		K		X	Dusted Green
	W-4.5	Pb	01040	u				X		X		
	W-5	Perognathus	02100	u					X		K	
	W-5.5	Perognathus	01430	u					X		X	
	W-6	Pb	01022	u					X		X	
	W-6.5	Pb	03030	24	♀	m	up, preg	X	X	X	X	
	W-8	Pb	04101	Recap				X		X		
	E-3	Pb	0212	u					X		X	
	E-1	Pb	02032	u					X		X	
	E-6	Pb	01022	u					X		X	
	E-6.5	Pb	02042	24.5	♂	m	scrotal		X		X	
	E-6.5	Perognathus	02020	Recap				X		X		
	E-8	Pb	01241	u				X		X		
	E-8.3	P. Californicus	1235	u					X	X		
	E-8.3	Pb	03141	u					X		X	
	E-8.5	P. Californicus	1470	37	♂	m	scrotal	X	X		X	
	E-10	P. Californicus	1103	49.5	♀	m	lact, preg	X			X	
	E-11	Pb	04430	Recap				X		X		
April 14	E-1	Pb	0412	23.5	♂	m	scrotal	X		X		
	E-6	Pb	02032	Recap				X	X		X	
	E-6.5	P. Californicus	1470	u				X		X		
	E-7	P. Californicus	1103	48.5	Recap		lact	X			X	
	E-8	Pb	01241	Recap				X		X		
	E-8	P. Californicus	040	40.5	♂	m	scrotal		X		X	
	E-8.3	Pb	03141	Recap					X		X	
	E-8.3	P. Californicus	1235	u				X		X		
	E-8.6	P. Californicus	0340	39	♀	m	lact	X		X		
	E-11	Pb	04430	Recap				X		X		
	E-11	Pb	01022	u					X		X	
	W-8	Pb	0102	Recap				X		X		
	W-7	Perognathus	01430	u				X		X		
	W-6.5	Perognathus	0130	23	♂	m	scrotal		X		X	
	W-6	Pb	01030	Recap				X		X		
	W-5.5	Pb	04101	u			preg	X		X		
	W-5	Perognathus	02100	u				X		X		
	W-4.5	P. Californicus	010	u				X		X		Green u. cas.
	W-2.5	P. Californicus	1535	24.5	♂	SAP	YND		X		X	
	W-2	Pb	01212	Recap				X		X		
			02022	u				X		X		
								X		X		
								X		X		
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PIBBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DC drift fence

	St	Spp	No	WT	Sex	Age	Brdg	Caught		Released		
								IN	OUT	IN	OUT	
April 15  class = $13/26 = 50\%$ (1)	B-1	Pb	0402	26	♂	M	scrotal		X		X	
	B-5	Perognathus	02210	24	♀	M	up, nullip	X		X		
	B-6	Perognathus	02020	22	♂	M	scrotal		X		X	on grid last night!
	E-6.5	Pb	0212	21	♀	M	up, pious		X		X	
	E-7	P. californicus	1183	45.5	♀	M	up, lact	X			X	
	E-7	Perognathus	02230	22	♀	M	up, nullip		X		X	wake back
	E-8	Pb	0241	22	♀	M	up, pious	X		X		
	E-8	P. californicus	1478	36.5	♂	M	scrotal		X		X	
	E-8.3	Pb	03141	23.5	♂	M	scrotal		X		X	
	E-8.3	P. californicus	0340	39.5	♀	M	lact	X		X		
closed - NH  Success = 10/29	E-8.5	Pb	02802	26	♀	M	up, pious		X		X	
	E-8.5	P. californicus	1235	39.5	♂	M	scrotal		X	X		
	E-11	Pb	04430	29	♀	M	up, nullip	X		X		
	W-4	Pb	02022	19.5	♂	2M	scrotal		X		X	
	W-5	Pb	01322	26.5	♀	M	up nullip	X		X		
	W-6	Perognathus	02180	20.5	♀	M	up, pious		X		X	tail bobbed
	W-6.5	Pb	01222	24	♀	M	up, nullip(?)		X		X	
	W-7	Perognathus	01330	24	♂	M	scrotal		X		X	
	W-8	Pb	0102	23	♂	M	scrotal	X		X		
	W-9	Pb	04101	32	♀	M	pregnat	X		X		
April 15 (Pm) April 16	W-2	Pb	0310	24	♂	M	scrotal		X		X	
	W-1	P. californicus	1535	23	♂	ESAD	tail	X		X		
	W-1	P. californicus	010	39	♂	M	scrotal	X		X		
	E-8.3	P. californicus	1235	needs				X		X		GREEN 2 small ORANGE in ear
	E-8.3	P. californicus	040	"				X		X		
	E-3	Perognathus	02030	RECAP				X		X		
	E-5	Pb	02032	22.5	♀	M	up, nullip	X		X		
	E-6	Pb	0212	RECAP					X		X	
	E-7	Pb	01422	20.5	♀	M	up nullip	X		X		
	E-8	Pb	01241	RECAP				X		X		
closed - I Success = 9/25	E-8	P. californicus	1235	"					X	X		
	E-8.3	P. californicus	1183	47.5	♀	M	lactating	X		X		
	E-8.3	P. californicus	0340	39.5					X	X		
	E-11	Pb	04430	RECAP				X		X		
	W-8	Pb	0102	"				X		X		
	W-7	Perognathus	013430	"				X		X		
	W-6.5	Pb	01222	"					X		X	
	W-6	Pb	01022	should have weighed					X		X	
	W-5.5	Pb	03230	24	♀	M	up, pious		X		X	
	W-5	Pb	01322	RECAP				X		X		
cloud - NH Success = 14/29	W-5	Pb	01432	28	♂	M	scrotal	X		X		
	W-4.5	Perognathus	02180	RECAP					X		X	
	W-4.5	Pb	04189	"				X		X		
	W-4	Pb	01232	24	♂	M	scrotal	X		X		
	W-3	P. californicus	01421	46	♀	M	preg		X		X	
	W-3	Pb	02012	21.5	♂	M	scrotal	X		X		
	W-2	P. californicus	1535	RECAP					X		X	
	W-1	P. californicus	010	"				X		X		
	W-1	P. californicus	010	"					X		X	
	W-1	P. californicus	010	"					X		X	



KIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID RC.

	St	Spp	No	WT	Sex	Age	Regs	Caught in out	Released in out	
April 16 (pm)	E-6.5	P. californicus	1183	Recap			Swollen, no milk lactating	x		x
	E-8	P. californicus	0340	"					x	x
	E-8.3	P. californicus	040	"				x		x
① April 17 closed - 1 Success = 11/25	E-3	P6	0212	Recap					x	x
	E-1	P6	02102	24.5	♀	M	preg. null	x		x
	E-5	P6	02032	Recap				x		x
	E-6	Perognathus	02330	"					x	x
	E-7	P. californicus	1183	"			lact	x		x
	E-8	P6	01241	"				x		x
	E-8	P. californicus	0340	"			lact		x	x
	E-8.3	P. californicus	1235	"				x	x	
	E-8.5	P6	03141	"				x		x
	E-11	P6	01022	24.5	♂	M	scrotal	x		x
			04430	Recap				x		x
	W-6.5	P6	01222	"					x	x
			01432	"				x		x
	W-6	Perognathus	02100	"					x	x
	W-4.5	P6	01030	24.5	♂	M	scrotal		x	x
closed - 1 Success = 9/33	W-4	P. californicus	1421	47	♀	M	pregnat	x		x
							TAD			
	W-3	P. californicus	1528	25	♂	ESAD		x		x
		P6	01022	Recap				x		x
	W-2	P. californicus	1535	21.5	♂	M	TAD	x		x
	W-1	P6	01322	Recap				x		x
			01322							
April 17 (pm) April 18 (am) Success = 8/26	E-8	P. californicus	0340	41			lact		x	x
	E-8.3	P. californicus	1183				lact	x		x
	E-1	P6	02102	Recap					x	x
	E-6	Perognathus	02330	"					x	x
	E-8	P. californicus	040	"					x	x
	E-8.3	P6	03141	"					x	x
	E-8.5	P. californicus	1235	"			scrotal		x	x
	E-8.6	P. californicus	0340	"					x	x
	E-11	P6	01022	"				x		x
			04430	"					x	x
① 11/1 closed Success = 10/31	W-10	P6	02122	32	♀	M	pregnat	x		x
	W-8	P6	04101	Recap			grave birth in trap	x		x
		P6	03230	"					x	x
	W-6.5	Perognathus	01430	"				x		x
	W-6	Perognathus	02400	"					x	x
	W-4	P6	01432	"				x		x
	W-2.5	Perognathus	02440	21.5	♂	M	scrotal	x		x
	W-2	P. californicus	1535	Recap				x		x
	W-1	P6	01432	"				x		x

Dusted GREEN

Dusted GREEN  
Dusted ORANGE

wrong #  
2?





RIBBLE, D.O.  
1969

Journal - Drift Fence

Hastings Natural History Reservation, Monterey Co., Calif

GRID PC

	St	Sp	No	Wt	Sex	Age	Body	Caught in out	Released in out	
19 April 18 <del>th</del>	W-1	Pb	01432	Recap	♀			x	x	
	W-2	P. californicus	1535	"				x	x	went back thru 10 powder
closed - NLL 11	W-25	Pb	02022	"				x	x	hair green in ears
Success = 8/27	W-4.5	Perognathus	02100	"				x	x	two
	W-55	Pb	01432	"	♂	m	scrotal	x	x	
	W-6	Pb	03230	"				x	x	
	W-7	Perognathus	01430	"				x	x	
	E-1	Pb	02102	"				x	x	
closed - 11	E-6	Pb	03032	26	♂	M	scrotal	x	x	
	E-6.5	Pb	0412	Recap				x	x	
	E-7	Perognathus	02210	"				x	x	
	E-8	P. californicus	1235	"			scrotal	x	x	
Success = 11/23	E-8.3	Pb	02002	25	♀	m	ref. nullb	x	x	
	E-8.5	P. californicus	040	Recap			lact	x	x	
	E-8.6	Pb	0340	"				x	x	
	E-11	Pb	03141	"				x	x	
	E-11	Pb	021022	"			scrotal.	x	x	
closed all traps and left passageways open										
April 27	W-1	P. californicus	010	40	♂	m	scrotal	x	x	
open H H H H H H	W-2	P. californicus	1528	23.5	♂	SAD	rad	x	x	
closed 11		Pb	0310	23	♂	m	scrotal	x	x	
Success = 15/32	W-3	P. californicus	1526	32?	♂	SAD	rad (claw)	x	x	
4/11 - 07152	W-4	Perognathus	013340	26.5	♂	m	scrotal	x	x	
	W-4	Pb	01232	25	♂	m	scrotal	x	x	
02400	W-4.5	P. californicus	020	47	♀	m	up, p-lact	x	x	feet crusty, Dusted ORANGE
02440	W-4.5	Pb	01432	26.5	♂	m	scrotal	x	x	
	W-5	Pb	01322	31	♀	m	lact	x	x	
	W-5	Perognathus	02100	28	♀	m	preg	x	x	
notes - 03000	W-6.5	Pb	01222	30	♀	m	preg	x	x	
	W-7	Pb	02022	23.5	♂	m	scrotal	x	x	
W-8	Pb	01302	23.5	♂	m		scrotal	x	x	
W-9	Pb	01030	26	♂	m		scrotal	x	x	
W-12	Pb	03230	27	♀	m		lact	x	x	
W-13	Pb	02102	25	♀	m		up, nullb	x	x	
	E-4	Pb	01022	25.5	♂	m	scrotal	x	x	
closed - open - H H H H H	E-5.5	Pb	0412	23	♂	M	scrotal	x	x	
	E-5.5	Pb	01101	24.5	♂	M	scrotal	x	x	
	E-6.5	Pb	0212	26.5	♀	M	preg	x	x	
Success = 12/26	E-7	Pb	01241	24	♀	M	up, nullb?	x	x	
	E-7	Perognathus	03141?	24	♂	M	scrotal	x	x	
	E-8	P. californicus	02020	23	♂	M	scrotal	x	x	
	E-8.3	P. californicus	0340	42	♀	m	lact	x	x	Dusted ORANGE
	E-8.3	P. californicus	040	41.5	♂	m	scrotal	x	x	
	E-8.6	Pb	021002	27.5	♀	m	up, nullb?	x	x	
	E-8.6	P. californicus	11.83	55	♀	M	preg, lact?	x	x	Dusted ORANGE





RIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DC drift fence

April 29

closed - 11

success = 17/32!

St	Spp	No	wt	Sex	Age	Brdg	Caught in out	Released in out
W-1	P. californicus Pb	1528 0310	Recap "				X	X
W-2	Pb P. californicus	01012 010	27 Recap	♀	m	lact	X	X
W-2.5	P. californicus	1421	40	♀	m	up, lact	X	X
W-3	P. californicus	020	Recap (43g)				X	X
W-4	Pb	01432 02022	" "				X	X
W-4.5	Pb Perognathus	012 02100	27 Recap	♀	m	lact, up pregnat	X	X
W-5	Perognathus	013430	"				X	X
W-5.5	Pb	04331	26.5	♂	m	scrotal	X	X
W-6	Pb	01222 01322	Recap "			lact	X	X
W-6.5	Pb	01030	"				X	X
W-9	Pb	01442	27	♀	m	preg	X	X
W-9	Pb	03230	Recap				X	X
E-3	Pb	0402	26.5	♂	m	scrotal	X	X
E-1	Pb	02102	Recap				X	X
E-6	Pb	03032	26	♂	m	scrotal	X	X
E-6.5	Pb	01101 01241	Recap "				X	X
E-7	Pb Perognathus	0412 02020	" "				X	X
E-8	P. californicus	0340	"			lact	X	X
E-8.3	P. californicus	1183 040					X	
+ 3 babies } Caught in swing trap. Returned to lab. see spp acct.								
E-8.6	P.b	02002	Recap				X	X
E-10	Pb	02132	25.5	♂	m	scrotal	X	X
E-11	Pb	04430 01022	25.5 25.5	♀ ♂	m	lact? scrotal	X	X
W-1	P. californicus Pb	1528 02012	24g 23	♂ ♂	SAD m	NO scrotal	X	X
W-2	P. calif. 100 Pb	01212 012240	26.5 26.5	♀	m	lact	X	X
W-3	Pb	01232	Recap				X	X
W-4	Pb	01322	"			lact	X	X
W-4.5	P. californicus	1421	"			lact	X	X
W-4.5	Perognathus	0130	25.5	♂	m	scrotal	X	X
W-4.5	Pb	01432	Recap				X	X
W-5	Perognathus	02100 013430	23 Recap	♀	m	lact	X	X
W-5.5	Pb	012	"			lact	X	X
W-6	Pb	01222 021922	" "				X	X
W-6.5	Pb	03230 01030	" "				X	X
W-9	Pb	01442	"				X	X
W-11	P. megalotis	02130	16	♀	m	pregnat!	X	X

Dusky green

wrong ultrap

covered  
mull green

lact both!

success = 18/34  
= 53%



RIBBLE, D.O.  
1989

JOURNAL - DRIFT FISHES

Hastings Reservation, Monterey Co., Calif

GRID RE

	St	Spp	No	Wt	Sex	Age	Bdgs	Caught in, out	Released in, out	
April 29 (cont)	E-3	Pb	0402	Recap					x	x
	E-6	Perognathus Pb	02020 01101	"				x		x
	E-6.5	Pb	01241	"				x	x	
cloud - 11	E-7	Pb	0212	"					x	x
	E-8	Pb	03241	"					x	x
Success = 13/24 = 54%	E-8.3	P. californicus	02002 1235	38	♂	m	scrotal	x		x
	E-8.6	Pb	0340 03141	Recap "			lact		x	x
	E-10	Pb	04430	"			not lact	x		x
	E-11	P. californicus Pb	0100 01022	40 Recap	♂	m	scrotal	x		x
									x	
										old #1204, tail present? yes
April 30	W-1	P. californicus	010	Recap					x	x
cloud - 11/11 11/11	W-4.25	P. californicus	1526	34	♂	m	scrotal		x	x
	W-5.5	Perognathus	02100	Recap			lact		x	x
	W-5.75	Pb	012	"					x	x
Success = 9/24 = 37.5%	W-6	Pb	01222	"			preg		x	x
	W-7	Pb	02022	"				x		x
	W-8.5	Pb	Escaped	when back opened				x		x
	W-9	Pb	01030	"					x	x
	W-12	Pb	03230	"			preg/lact	x		x
	E-3	Pb	0402	"					x	x
(2)	E-1	Pb	02142 0412	32.5 Recap	♀	m	preg	x		x
(2)	E-6	Pb	02202 01101	22 Recap	♂	m	scrotal	x		x
Success = 15/30 = 50%	E-6.3	Perognathus	02020	"				x		x
	E-6.5	Pb	02042	"					x	x
	E-7	Pb	01422 01341	" "				x		x
	E-8	P. californicus	0340	"			lact		x	x
	E-8.3	Pb	03141	"					x	x
Cloud - 1	E-8.5	P. californicus	1470 1325	37 37	♂ ♂	M	scrotal	x		x
	E-10	Pb	01022	Recap				x		x
	E-11	Pb	04430	"				x		x
May 1	W-1	P. californicus	02012 010	Recap "				x		x
Cloud - 11/11	W-2	Pb	01012	"			lact		x	x
	W-2.5	P. californicus	1421	"			lact		x	x
	W-4	P. californicus	1526	"				x		x
	W-5	Pb	01432	"				x		x
	W-5.5	Perognathus	02100	"			lact		x	x
	W-5.5	Pb	012	"				x		x
Success = 15/31	W-6	Pb	01222	"			preg	x		x
	W-6.25	Pb	0322	"			lact/preg	x		x
	W-6.5	Pb	01030	"			lact/preg		x	x
	W-7	Pb	03230	"				x		x
	W-7	Pb	02022	"				x		x



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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID RC drift fence

	St	Spp	No	Wt	Sex	Age	Bdgy	Caught		Released		
								IN	OUT	IN	OUT	
May 1 (cont)	W-8	Pb	01302	RECAP				x		x		
	W-10	Pb	01442	"				x		x		
	E-3	Pb	01101	"					x		x	
	E-1	Pb	0402	"				x		x		
	E-5.5	Pb	01422	"				x		x		
02242	E-6	Pb	01241	"				x		x		
02400	E-6.5	Perognathus	02020	"					x		x	
02440	E-7	Pb	02042	"				x		x		
	E-7	Pb	03241	"					x		x	
W-03000	E-8	P. californicus	040	40	♂	IM	scrotal	x			x	
W-04400	(N) E-8	P. californicus	1551	40.5	♀	IM	lactating!!		x	(x)		10 hms
	E-8.3	Pb	03141	RECAP				x		x		
W-05700	E-8.3	P. californicus	1478	"				x		x		
	E-8.3	P. californicus	1235	"					x	x		
	E-8.6	P. californicus	1192	39	♂	IM	scrotal	x		x		coll tail tip
Success = 19/30	E-9	Pb	02002	RECAP					x		x	
63%	E-9.1	P. californicus	0340	"					x	x		
	E-10	P. californicus	0100	"					x		x	
	E-10	P. californicus	1183	44	♀	IM	lact	x		x		Dusted on Ant
	E-11	Pb	04430	RECAP					x		x	
	E-11	Pb	01022	"				x		x		
~ Start over weighing animals ~												
May 2	W-1	P. californicus	1528	29	♂	SAD	TUD	x		x		
	W-2	Pb	01212	26.5	♀	IM	lact		x	x		
	W-2	P. californicus	010	35	♂	IM	scrotal	x		x		
	W-2.3	Pb	03200	25	♀	IM	up, paws		x		x	
	W-2.6	Perognathus	013440	25.5	♂	IM	scrotal	x		x		
	W-3	P. californicus	1421	40	♀	IM	lact	x		x		
	W-4	Pb	012	23.5	♀	IM	up, null?		x		x	
closed - 1	W-4	P. californicus	1526	31.5	♂	L SAD	TUD (claw)	x		x		
	W-4.2	Sp. beecheyi	didn't tag				released					
Success = 20/39	W-5	Perognathus	02100	22	♀	IM	lact		x	x		
51%	W-5.5	Pb	01322	35	♀	IM	preg!	x		x		
	W-5.5	Pb	0342	22	♀	IM	up, null		x		x	
	W-6	Pb	01222	26	♀	IM	lact		x	x		
	W-6	Pb	01030	24	♂	IM	scrotal	x		x		
(N)	W-6.3	Pb	02212	17	♂	SAD	TUD	x		x		
	W-6.6	Pb	01412	22.5	♂	IM	scrotal		x		x	
	W-7	Pb	02022	22	♂	IM	scrotal	x		x		
	W-8	Pb	01302	22.5	♂	IM	scrotal	x		x		
	W-8.5	Pb	03230	32.5	♀	IM	preg		x		x	
	W-9	Pb	0442	26	♀	IM	early preg		x		x	
	W-11	P. megalotis	02130	14.5	♀	IM	lact	x		x		
	E-1	Pb	02142	32	♀	IM	preg	x		x		
	E-1	Pb	0412	23	♂	IM	scrotal		x		x	
	E-4.5	P. californicus	1551	43	♀	IM	lact		x	x		
	E-5	Pb	02112	27	♀	IM	lact		x	x		
	E-5.5	Pb	01422	21	♀	IM	up, null	x		x		
	E-6.5	Pb	01241	23	♀	IM	up, null	x		x		
	E-6.5	Pb	0212	21	♀	IM	up, null	x		x		

Worm 410!

25g.

02222

8.58 ♂

02232

9g ♀

} eggs closed



# JOURNAL-DRIFT FENCE

GRID DC

	St	Spp	NO	WT	Sex	Age	Repr	Caught in	Released out	
May 2 (cont)	B-7	Pl	02042	25	♂	m	scrotal		x	x
	E-8	Pl	03241	29	♀	m	preg		x	x
	E-8.3	P. californicus	1478	36.5	♂	m	scrotal	x		x
	E-8.5	P. californicus	03141	23	♂	m	scrotal	x	x	
	E-8.6	P. californicus	1183	40	♀	m	lact	x		x
	E-8.7	P. californicus	040	39	♂	m	scrotal	x		x
	E-8.8	P. californicus	1192	35	♂	m	scrotal	x	x	
	E-8.9	P. californicus	0340	39	♀	m	lact		x	x
	E-9.5	P. californicus	1235	35.5	♂	m	scrotal		x	x
	E-11	Pl	02020	21	♂	m	scrotal		x	x
May 2 (Pm)	W-6.5	P. californicus	04430	23	♀	m	preg, null?	x		x
	W-4	P. californicus	01022	24.5	♂	m	scrotal		x	x
	E-5.5	P. californicus	1528	24.5	♂	SAD	TND	x	x	
	E-9	P. californicus	1524	31	♂	SAD	TND		x	x
	E-9.3	P. californicus	1551	Recap			lact		x	x
	E-9.7	P. californicus	040	"			lact		x	x
	E-9.8	P. californicus	1183	"			no milk, but swollen	x		x
	E-9.9	P. californicus	0340	"			lact		x	x
	E-9.1	P. californicus	0100	39	♂	m	scrotal		x	x
	May 3 (Am)	W-1	P. californicus	1528	24.5	Recap				x
W-1.5		Pl	01212	Recap			lact		x	x
W-2.5		Pl	02242	22	♂	m	scrotal	x		x
W-3		P. californicus	03200	Recap					x	x
W-4		P. californicus	1513	27	♂	SAD	TND	x	x	
W-4.5		P. californicus	02100	Recap			lact	x		x
W-5		Pl	010	"				x	x	
W-5.5		Pl	0332	23.5	♀	ul	up, null		x	x
W-6		Pl	01432	26	♂	m	scrotal	x		x
W-6.5		P. californicus	01322	Recap			preg	x		x
W-7		P. californicus	0130	25.5	♂	ul	scrotal		x	x
W-7.5		Pl	01222	Recap			lact		x	x
W-8		Pl	0310	24	♂	m	scrotal		x	x
W-8.5		Pl	01412	Recap					x	x
W-9		Pl	02022	"				x		x
W-9.5		Pl	01442	"			preg	x		x
W-10		P. californicus	03230	"					x	x
W-11		P. californicus	01302	"				x		x
W-12		P. californicus	02130	"				x		x
E-1		Pl	02302	21.5	♀	ul	up, null		x	x
E-4	Pl	01030	Recap				x		x	
E-5	Pl	0402	24	♂	ul	scrotal		x	x	
E-5.5	Pl	02142	33.5	♀	ul	preg	x		x	
E-5.9	Pl	0212	Recap					x	x	
E-6	P. californicus	01422	"				x	x	x	
E-6.5	P. californicus	02042	"					x	x	
E-6.9	P. californicus	0412	"				x		x	
E-7	P. californicus	01312	23	♀	m	up, preg		x	x	
E-7.5	P. californicus	1557	19	♀	lum	up, preg	x		x	
ORANGE used in Lact / tails (examined in date).										



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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DE Drift Fence

		St	SPD	No	WT	Sex	Age	Redg	Caught		Released		
									in	out	in	out	
May 3	E-6.5	P. californicus	1192	Recap					x		x		
	E-6.5	P. californicus	1551	"				lact (strong)		x	x		
	(cont) E-7	Perognathus	02020	"						x		x	
	E-7.5	Pb	03241	"						x		x	
	E-7.5	P. californicus	01470	"					x		x		
	(N) E-8	P. californicus	1558	47	♀	ul		lact		x	(N)		returned, dusked
	E-8	P. californicus	1193	Recap				lact ✓	x			x	BLUE-GREEN
	E-8.3	Pb	03141	"						x		x	
	E-8.3	P. californicus	0340	"				lact	x		x		
	E-8.5	P. californicus	040	"						x		x	
May 4	E-8.6	P. californicus	1235	"						x	x		
	E-11	Pb	04430	"					x		x		
	E-11	Pb	01022	"						x		x	
	E-4.5	Pb	0212	Recap						x		x	
	E-5.2	Pb	02112	"				lact		x	x		
	E-5.5	Pb	03032	27	♂	ul		scrotal		x		x	
	E-5.5	Pb	01422	Recap					x		x		
	E-6	Pb	0412	"					x		x		
	E-6.5	Pb	02012	"						x		x	
	E-6.5	Pb	01241	"					x		x		
(N) E-7	P. californicus	1557	"						x		x		Orange u
	E-7.5	P. californicus	1559	49	♂	ul		rug. lact (band)	x	x		x	Orange u
	E-8.2	Pb	03141	Recap					x		x		Orange u
	E-8.3	P. californicus	040	"					x		x		Orange u
	E-8.3	P. californicus	0340	"				lact		x	x		Dusked (green)
	E-8.5	P. californicus	1551	41.5	Recap			lact		x	x		Dusked Purple
	E-8.5	P. californicus	1193	42	"			lact (weak)	x			x	Dusked Orange
	E-8.6	P. californicus	1470	Recap						x		x	Orange u
	E-10	P. californicus	0100	"					x		x		BLUE-GREEN
	E-10	P. californicus	04430	"					x		x		Orange u
May 5	E-11	Pb	01022	"						x		x	
	E-4	Pb	01101	23	♂	ul		scrotal		x		x	
	E-1	Pb	02142	Recap				preg		x		x	
	E-1	Pb	0402	"					x		x		
	W-11	R. megalotis	02130	"				lact? (4/8)	x			x	
	W-8.5	Pb	01302	"					x		x		
	W-8.5	Pb	0442	"				preg		x		x	
	W-8	Pb	04101	23.5	♀	ul		lact	x		x		lab f!
	W-7	Pb	01222	Recap				lact		x	x		
	W-7	Pb	02022	"					x		x		
(N) W-6.6	Pb	03230	24.5	♀	ul			lact		x	x		returned
	W-5.8	P. californicus	1561	25	♂	ESAD		TAD	x		x		
	W-5.8	Pb	02242	Recap						x		x	
	W-5.3	Pb	01322	28	♀	ul		lact	x			x	
	W-5	Perognathus	02010	Recap				lact		x	x		
	W-5	Pb	01432	"					x		x		
	W-4	P. californicus	1513	26.5	♂	SAD		TAD		x		x	
	W-4	P. californicus	010	Recap					x			x	
	W-4	P. californicus	010	Recap					x			x	
	W-4	P. californicus	010	Recap					x			x	



RIBBLE D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID 22 drift fence

	St	Spp	No	WT	Sex	Age	Body	Caught		Released		
								in	out	in	out	
May 4 (cont)	W-3	P. californicus	1421	Recap			lact	x			x	Dusted Green
	D-2	Pb	01212	n			lact		x	x		
		P. californicus	1528	23	♂	SAD	TD	x		x		
~ Traps closed and passageways left open												
May 12	E-1	Pb	0402	26	♂	m	scrotal	x		x		
	E-6.5	Pb	01422	22	♀	m	up, null	x		x		
	E-7	P. californicus	1557	21.5	♀	lm	null	x		x		
	E-8	P. californicus	1235	40	♂	m	scrotal		x	x		
	E-8.3	P. californicus	1183	48.5	♀	m	lact/preg	x			x	Dusted Green
	E-8.5	Pb	01022	25	♂	m	scrotal	x		x		
	E-8.6	Pb	03141	24.5	♂	m	scrotal		x		x	
	E-9	P. californicus	1572	42.5	♀	m	preg, up		x		x	returned to lab 9 Oct, 10 ec
	E-11	Pb	04450	26	♀	m	up, null?		x		x	
	W-12	Pb	03230	26	♀	m	lact	x			x	
	W-9	Pb	02222	10	♂	lm	TD	x		x		offspring
	W-8.5	Pb	01442	22	♀	m	lact	x			x	
	W-8	Pb	04101	25.5	♀	m	preg, p-lact	x		x		
		Pb	01222	27	♀	m	lact		x	x		
	W-6.6	P. californicus	0110	38	♂	m	scrotal	x			x	
	W-4.2	P. californicus	1513	27	♂	SAD	TD		x		x	
	W-4.2	Pb	01232	26	♂	m	scrotal	x		x		
	E-1	Pb	0402	Recap				x		x		
		Pb	0412	23	♂	m	scrotal		x		x	
	E-4	Perognathus	02020	22.5	♂	m	scrotal	x		x		
	E-6.5	Pb	01422	Recap				x		x		
		Pb	0212	23.5	♀	m	up, p-lact		x		x	
	E-7	Pb	03241	27	♀	m	lact		x	x		
	E-7	P. californicus	1577	Recap				x		x		
	E-8	P. californicus	0340	40	♀	m	up, p-l	x			x	Dusted Green
	E-8.3	P. californicus	040	Recap				x			x	
	E-8.5	P. californicus	1183	"			lact	x			x	
	E-8.6	Pb	02002	29	♀	m	lact		x		x	
	E-10	Pb	04430	Recap				x		x		
	E-11	Pb	01022	"					x		x	
	W-11	R. meg.	02130	14	♀	m	lact?	x			x	
	W-9	Pb	04101	Recap			lact	x			x	
		Pb	03230	"			lact		x	x		
	W-8.5	P. californicus	010	"				x		x		
	W-9	Pb	01442	"			lact	x			x	
	W-16.6	Perognathus	02100	23	♀	m	lact		x	x		
	W-16.4	Pb	013430	25	♂	m	scrotal	x		x		
	W-6.4	Pb	01222	Recap			lact		x	x		
	W-4.2	Pb	01232	"				x		x		
	W-3	Pb	01432	27	♂	m	scrotal	x		x		
	W-1	Pb	01212	28	♀	m	up, null	x		x		
		Pb	0310	25	♂	m	scrotal		x		x	



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Hastings Reservation, Monterey Co., Calif

GRID RC drift fence

		St	Sp	Nb	WT	Sex	Age	Body	Caught		Released		
									in	out	in	out	
May 14 closed - 11	E-1	Pb	0402	Recap						x		x	
			0412	"					x		x		
	E-5	Pb	03241	"				last	x			x	
			0212	"						x		x	escaped both
	E-5.5	Pb	03032	24.5	♂		u	scrotal		x		x	
	E-6.5	Pb	01422	Recap					x		x		
		P. californicus	1478	37	♂		u	scrotal		x		x	
	E-7	Pb	02042	25	♂		u	scrotal	x		x		
		P. californicus	1557	Recap						x		x	
	E-8.3	P. californicus	1183	"				last	x			x	
			040	"						x		x	
	E-8.5	P. californicus	1572	" (39.5g)					x		x		
	E-8.7	P. californicus	0340	"				P-lact		x	x		
	E-11	Pb	04430	"					x	<del>x</del>	x	<del>x</del>	
			01022	"						x		x	
success = 15/33	W-12	Pb	032130	"				last	x			x	
	W-10	Pb	01442	"				last	x			x	
	W-9	Pb	01030	"					x			x	wrong release
	W-8	Pb	04101	"				last	x			x	
	W-7	P. cognatus	02100	"				last	x			x	
		P. californicus	010	"					x		x		
	W-6.5	Pb	01222	"				last		x	x		
		P. californicus	1513	27	♂		SAD	TWO	x		x		
	W-5	P. cognatus	014330	Recap						x		x	
	W-4	Pb	01432	Recap						x		x	
		Pb	01232	"					x		x		
	W-3	P. californicus	1421	43	♀		u	last		x	x		Dusky Green
	W-1	Pb	0310	Recap						x		x	
			01212	"					x		x		
May 15 closed - 111	E-1	Pb	0402	Recap					x		x		
			0412	"						x		x	
	E-5	Pb	01422	"						x		x	
	E-6	P. californicus	1551	44.5	♀		u	last, ref		x	x		Dusky P. cal
	E-6.5	Pb	02042	Recap						x		x	
		Pb	03241	"				last		x	x		
	E-7	P. californicus	1557	"					x		x		
			1183	"				last	x			x	
	E-8.3	Pb	02002	"				last		x	x		
	E-8.5	P. californicus	0340	"				ref	<del>x</del>	x	x		
			1235	"					x		x		fresh green ears
	E-9	P. californicus	04430	"					x		x		
	E-10	Pb	01022	"						x		x	
			03230	"				last		x	x		
	W-9	Pb	01442	"				last	x			x	
success = 13/31	W-8	Pb	04101	"				last	x			x	
	W-7	P. californicus	010	"					x		x		fresh green
	W-6.5	Pb	01222	"				last		x	x		
		P. cognatus	014330	"					x		x		





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Hastings Reservation, Monterey Co., Calif

GRID DR drift fence

	St	Spp	No	WT	Sex	Age	Brdg	Caught		Released		
								in	out	in	out	
May 15 (cont) closed-1 Success = 14/37	W-5	Phanerogamus	02100	Recap			lact?		x	x		Dusked Orange
	W-4.5	P. californicus	020	55	♀	m	up, pug??		x	x		
	W-4.3	Ensatina - ground	♀ - returned for A. Collazo.									
	W-4.3	P. californicus	1513	Recap					x		x	
	W-4	Pb	01232	11					x		x	
	W-4	Pb	01432	11				x		x		
May 15 (PM)	W-3	P. californicus	1526	34.5	♂	SAD	IND		x		x	no powder Dusked Green
	W-2.5	Pb	0310	Recap					x		x	
	W-1	Pb	01212	11			perf	x		x		
	E-7	P. californicus	1567	11				x		x		
	E-9.2	P. californicus	0340	11			p-lact		x	x		
	E-8.3	P. californicus	1183	4				x			x	
May 16 closed-1/11 Success = 8/30	E-8.3	P. californicus	040	11					x		x	Orange in ears, mouth
	E-1	Pb	0412	Recap				x		x		
	E-1	Pb	0402	11				x		x		
	E-6	Pb	03241	11				x		x		
	E-6.5	Pb	01422	11				x		x		
	E-7	Pb	02042	11				x		x		
May 16 (PM)	E-8.3	P. californicus	1183	4	♀	m	lact	x		x	x	Dusked Orange
	E-8.3	P. californicus	1235	Recap					x	x		
	E-10	Pb	01022	Recap				x		x		
	W-10	Pb	01442	11			lact	x			x	
	W-9	Pb	01030	11				x		x		
	W-8.5	Pb	03230	11			lact		x	x		
Success = 13/39	W-8.5	Pb	01302	23	♂	m	scrotal	x		x		covered w/ fresh Green
	W-8	Pb	04101	Recap			p-lact	x		x		
	W-6.5	Phanerogamus	02100	11			lact		x	x		
	W-6	Phanerogamus	013430	11				x		x		
	W-5	Pb	01222	11			lact		x	x		
	W-4.5	Pb	01432	11				x		x		
May 17 closed-1 Success = 12/33	W-4	P. californicus	1513	11					x		x	redusked Green
	W-4	Pb	01232	11				x		x		
	W-2	Pb	01212	11			perf	x		x	x	
	W-1	P. californicus	010	11				x		x		
	E-3	Pb	0402	25	♂	m	scrotal		x		x	
	E-1	Pb	0412	23.5	♂	m	scrotal		x		x	
May 17 (PM)	E-4.5	P. californicus	1551	42	♀	m	lact		x	x		redusked Green
	E-5	Pb	01422	21.5	♀	m	up, mullp		x		x	
	E-5.5	Pb	0212	21.5	♀	m	up, mullp		x		x	
	E-6.5	Pb	03241	24.5	♀	m	lact		x	x		
	E-7	Phanerogamus	02020	21.5	♂	m	scrotal	x		x		
	E-7	P. californicus	1557	21	♀	m	mullp	x		x		
May 17 (PM)	E-8.3	Pb	02002	27.5	♀	m	lact		x	x		redusked Green
	E-8.3	P. californicus	040	39	♂	m	scrotal	x			x	
	E-10	P. californicus	1183	43.5	♀	m	lact	x			x	
May 17 (PM)	E-11	Pb	01022	27.5	♂	m	scrotal		x		x	redusked Green
	E-11	Pb	01022	27.5	♂	m	scrotal		x		x	



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GRIND

	St	Spd	No	Wt	Sex	Age	Brdg	Caught in out	Released in out			
May 17 (cont)	W-10	Pb	01442	22.5	Q	ul	lact	x		K		
	W-9	Pb	01030	24.5	Q	ul	scrotal	x		x		
14/58	W-7	Pb	03230	22	Q	ul	up, p-1		x	x		
	W-6.5	P. californicus	010	34	Q	ul	scrotal	x		K		
	W-6	Pb	04101	22	Q	ul	up, p-1	x		K		
	W-5.6	Pb	01232	24	Q	ul	scrotal	x		x		
	W-5.3	Perognathus	013430	26	Q	ul	scrotal	x		x		
	W-5	Pb	01222	26	Q	ul	lact		x	x		
	W-4	Pb	01432	27	Q	ul	scrotal	x		K		
	W-4	Perognathus	02100	22	Q	ul	lact		x	x		
	W-2.5	Pb	01212	23.5	Q	ul	up, null		x		x	
	W-2	P. californicus	1513	27	Q	SAD	TWD		x		x	
			1528	27.5	Q	SAD	TWD		x		x	
	May 18 closed 11	E-3	N. rufescens	1207	30.5	Q	ul	preg	x		x	tail broken to base
		E-1	Pb	02142	26	Q	ul	lact	x		x	collected
		E-5.5	Pb	02112	27	Q	ul	lact		x	x	tail-type (CT)
E-6		P. californicus	1557	Recap				x		x	CT	
E-6.5		Pb	0422	11				x		x	CT	
E-7		P. californicus	1551	11			lact		x	x	CT	
E-7		Pb	03241	11			lact		x	x	CT	
E-8		P. californicus	1478	37	Q	ul	scrotal	x		x	covered w/ purple	
E-8		P. californicus	1586	20.5	Q	ul	TWD		x	x	caught in same trap 1586 covered w/ green	
E-8		Pb	0340	37	Q	ul	p-1, Ref		x	x	CT	
Success = 17/32!	E-8	Pb	02002	Recap			lact		x	x	CT	
	E-8	P. californicus	1183	11			lact	x		x	CT	
	E-8	P. californicus	1235	36.5	Q	ul	scrotal		x	x	covered green	
	E-10	P. californicus	040	Recap				x		x	CT	
	E-11	Pb	04430	23.5	Q	ul	ref, p-1	x		x	CT	
	E-11	Pb	01022	Recap					x		K	
	E-11	Pb	03230	11			lact		x	x	CT	
	W-9	Pb	01030	11					x		K	
	W-8.5	Pb	01442	11			lact	x			K	
	W-6.5	Pb	01222	11			lact		x	x	CT	
	W-6.5	P. californicus	010	11				x			K	
	W-6	Perognathus	02100	11			lact		x	x		
	W-6	Pb	04101	11				x		x		
	W-5.6	Pb	02232	12	Recap			x		x		
W-4.5	Perognathus	013430	Recap				x		x			
W-4	Pb	01232	11				x		x	CT		
W-4	P. californicus	1513	11					x		K		
W-3	Pb	01432	11				x		x	CT		
W-3	P. californicus	1529	11					x		K		
W-2	Pb	01212	11					x		K		
May 19	E-1	Pb	0402	Recap				x		x		
	E-5	Pb	0212	23.5	Recap			x		x		
	E-5	Pb	02112	Recap			lact		x	x		



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GRID DC drift fence

	St	Spp	No	Wt	Sex	Age	Body	Caught		Released		
								IN	OUT	IN	OUT	
May 14 (cont)	E-5.5	Pb	01432	Recap					x		x	
	E-6	P. californicus	1551	212			last		x	x		
Closed-11	E-7	Pb	0412	Recap				x		x		
(11)	E-8	P. californicus	1588	18.5	♂	1m	two		x	x		CT
	E-8.3	P. californicus	0340	358	Recap		ref, p-1?		x	x		{Green vials in lab}
			040	Recap				x			x	
	E-8.5	Pb	02002	u			last		x	x		
	E-10	P. californicus	1183	u				x			x	
	E-11	Pb	04430	u				x		x		
			01022	u					x		x	
	W-9	Pb	01442	u			last	x			x	
	W-8	Perognathus	013430	u				x	x		x	
	W-6.5	Pb	01222	u			last		x	x		
	W-6	Pb	02232	u				x		x		
	W-5	Perognathus	02100	u			p-1		x		x	
	W-4.5	Pb	01030	u					x		x	
	W-4.2	Pb	0232	u				x		x		
	W-3	P. californicus	1513	u				x	x		x	
	W-2.5	P. californicus	1528	u				x		x		
May 20	E-1	Pb	0402	u					x		x	
	E-5	Pb	01422	u				x		x		
1111	E-5.5	P. calif	01312	25	♀	m	prog		x	x		CT
	E-6.5	P. calif	1551	u			last		x	x		
	E-7	P. calif	1183	u			last	x			x	
	E-7	P. calif	1557	u					x		x	
	E-8	P. calif	0340	u					x	x		
	E-8	Pb	02002	u				x		x		
	E-8.3	P. calif	040	u				x			x	
	E-8.5	Pb	1586	u					x	x		
	E-8.5	Pb	03141	25.5	♂	m	scotol		x		x	CT
	E-11	Pb	04430	u				x		x		
			01022	u					x		x	
	W-9	Pb	01442	u			last	x			x	
	W-9	Pb	02232	u				x		x		
1	W-6.5	Pb	01222	u			last		x	x		
	W-6	Pb	04101	u				x		x		
	W-6	Perognathus	02100	u					x		x	
	W-5	Pb	01030	u					x		x	
	W-4	P. californicus	1513	u					x		x	
	W-3	P. californicus	1528	u					x		x	
	W-2.5	Pb	01212	u					x		x	





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GRID DC drift fence.

	St	Spp	No	wt	Sex	Age	Body	Caught IN OUT	Released IN OUT	
May 22	E11	boylei	01020	26g	♂	AD	TD	✓		
	"	"	04430	27g	♀	Ad	PAR (imp)		✓	✓
	E 8.5	californicus	0344	38g	♀	Ad	imp			✓
	E 8 1/4	"	1588	17g	♂	juv.	TND			✓
	"	"	1478	36g	♂	Ad	TND	✓		✓
	E8	boylei	02020	26g	♀	Ad	PAR IMP	✓		✓
	E7	californicus	1551	46g	♀	Ad	PAR, IMP Pregnant	✓		✓
	"	"	1557	21g	♀	juv.	Null. IMP		✓	✓
	E 6 2/3	boylei	03141	27g	♂	Ad	TD	✓		✓
	"	"	01332	23g	♂	Ad	TND		✓	✓
	E 5 1/2	"	0101	26g	♂	Ad	TD	✓		✓
	E1	"	00412	24g	♂	Ad	TD	✓		✓
	"	"	00402	26g	♂	Ad	TD		✓	✓
		<del>Not a</del>	<del>1117</del>		<del>♂</del>	<del>Ad</del>	<del>imp</del>			
May 23	E1	boylei	00407	7g	♂	Ad	TD		✓	✓
	E5	"	01312	46g	♀	Ad	IMP, PAR	✓		
	E 5 1/2	"	01101	25g	♂	Ad	TD	✓		
	E 6 2/3	californicus	1678	33g	♂	Ad	TD		✓	✓
	"	"	1551	45g	♀	Ad	IMP, PAR Preg?	✓		✓
	E7	boylei	03141	26g	♂	Ad	TD	✓		✓
	E 8 1/4	"	02002	25g	♀	Ad	Imp, Null	✓		✓
	E 8 1/2	californicus	01304	37g	♀	Ad	Null preg?			✓
	E 8 3/4	"	1586	22g	♂	juv	TD±			✓
	E11	boylei	04430	24g	♀	Ad	IMP PAR		✓	✓
	"	"	01022	24g	♂	Ad	TD	✓		✓
										torn car tag missing crossed street + squarred + to in side at E7

514-17  
514-18  
514-19

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GRID RC drift fence

	St	Spp	No	Wt	Sex	Age	Body	Caught		Released		
								IN	OUT	IN	OUT	
May 22	W2.5	P.b.	01232 <del>012</del>	25.0	♂	M	scrotal	X		X		
-02402	W6.5	P.b.	01222	26.0	♀	M	lact		X	X <sup>1</sup>	X <sup>2</sup>	escaped
-02400	W8.7	P.b.	01302	23.0	♂	M	scr.	X		X		ct
-0300	W9	R.m.	02130	10.5	♀	M	lact	X			X	
-01420	W10	P.b.	01442	23.0	♀	M	lact	X			X	
-0300	W12	P.b.	03230	25.0	♀	M	postlac		X		X	
May 23	W8.5	P.b.	1442	27.0	♀	M	lac	X			X	
	W8	P.b.	1302	25.0	♂	M	scr	X		X		
	W6	P.b.	01232	25.0	♂	M	scr	X		X		
	W5	P.b.	01030 <del>01030</del>	26.5	♂	M	scr		X		X	
	W4	Perog	2130	24.5	♂	M	scr		X		X	
	W3	P. calif	1513	27.5	♂	subad	ind		X		X	
	W3	Perog	1330	25.0	♂	M	scr	X		X		
	W2	P.b.	02232	15.0	♀	imm	mull	X		X		
	W2	P.b.	01212	27.0	♀	M	par perf		X		X	
	W1	P.b.	0310	26.0	♂	M	scr	X		X		
May 24	W-1	Pb	0310	Recap		M		X		X		
	W-2	Pb	01212	25.5	♀	M	up, parous		X		X	
	W-3	Perognathus	013430	23	♂	M	scrotal	X		X		
	W-4	P. californicus	1513	26.5	♂	SAD	rad		X		X	
	W-4	Pb	04101	22	♀	M	up, parous	X		X		
Closed-11	W-4.2	Perognathus	0130	23.5	♂	M	Scrotal		X		X	
	W-5	Perognathus Pb	01030	25.5	♂	M	Scrotal	X		X		
13/30	W-5.3	Perognathus	02100	29	♀	M	Preg		X		X	
	W-6	Pb	01232	24	♂	M	scrotal	X		X		
	W-7	Pb	03230	26.5	♀	M	up, parous		X		X	
	W-8	Pb	01302	23	♂	M	Scrotal	X		X		
	W-9	Pb	01442	24	♀	M	lact	X			X	
	W-11	E. megalotis	02130	13	♀	M	up, parous	X		X		P-1?
Closed-1	E-1	Pb	02142	25	♀	M	up, parous		X		X	
	E-3	Pb	0402	24.5	♂	M	Scrotal	X		X		
	E-5	Pb	0212	24.5	♀	M	up, parous		X		X	
	E-5	P. californicus	1589	22.5	♂	Imm	rad	X	X	X <sup>2</sup>	X <sup>1</sup>	squeezed back
	E-5.5	P. californicus	1551	43.5	♀	M	Preg	X	X	X		Dusked Purple



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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID PC drift fence

	St	Sp	No	wt	Sex	Age	Brdg	Caught		Released		
								in	out	in	out	
May 24 <del>25</del> (cont)	E-5.5	Pb	01312	25	♀	m	up, pious	x		x		
	E-10.5	Pb	01332	21.5	♂	m	scrotal	x		x		
	E-4	P. calif	1478	34.5	♂	m	scrotal		x	x		
	E-7	P. calif	0340	35?	♀	m	lact!!	x			x	Dusky brown
18/32 >50!!	E-7	Pb	03042	26	♂	m	scrotal		x		x	
	E-8	P. californicus	1557	24.5	♀?	m	scrotal	x		x		
Closed - 11 total traps = 34	E-8.3	P. californicus	1235	37.5	♂	m	scrotal		x		x	
	E-8.3	P. californicus	0180	39	♂	m	scrotal		x		x	
	E-8.5	P. californicus	1183	40.5	♀	m	lact?	x			x	Dusky Orange
	E-8.6	P. b.	040(1783)	38	♂	m	scrotal		x		x	
	E-8.6	P. b.	02802	27	♀	m	lact		x	x		
May 25	E-11	Pb	01430	24	♀	m	up, pious	x		x		
	E-11	Pb	01022	23.5	♂?	m	scrotal		x		x	
	W-1	Pb	01212	Recap					x		x	
	W-4	P. californicus	1513	u				x		x		
closed - 1	W-4.2	Perognathus	0120	u					x		x	
	W-5	Pb	0310	u				x		x		
8/31	W-5.2	Perognathus	02100	u			preg		x	x		
	W-6	Pb	01232	u				x		x		
	W-8	Pb	01302	u				x		x		
	W-9	Pb	01442	u			lact	x			x	
	E-1.6	Pb	02142	u					x		x	
	E-1.3	Pb	0402	u					x		x	
	E-1	Pb	0412	u					x		x	
	E-4.5	P. californicus	1588	u				x		x <sup>2</sup>	x	Went in another trap
	E-5	P. californicus	1478	u				x		x		
	E-6	Pb	01101	24	♂	m	scrotal	x			x	CT
	E-6.5	P. californicus	0340	Recap			lact	x			x	
	E-6.5	P. californicus	1512	u			preg		x	x		
Closed - 11	E-7	P. californicus	0180	u					x		x	
	E-7	P. californicus	1557	u				x		x		
	E-8	P. californicus	1235	u					x		x	
	E-8.3	P. californicus	1183	u				x			x	
18/30	E-8.3	P. californicus	040(1783)	u					x		x	
	E-8.6	Pb	02802	u			lact		x	x		
	E-8.8	S. ornatus	Cat # 955						x			Mortality
	E-9	P. californicus	1586	22.5	♂?	Im	rad		x	x <sup>2</sup>	x	
	E-11	Pb	04430	Recap				x		x		
	E-11	Pb	01022	u					x		x	
~ closed all traps and left passageways open												

Pb - 02100

Perognathus - 0310

Pm - 01420

P. californicus - 1512

2664

P13315, D.O.  
1989

~~Dispersal Data~~  
DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

Location: GRID DC drift fence

	St	Spp	No	Wt	Sex	Age	Bldg	Caught IN OUT	Released IN OUT		
June 1	E-5.5	P. b.	0212	24	♀	m	lac, perf.		X	X	
	E-7	P. calif.	1557	23	<del>E sad</del> ♀	E sad	imperf, null	X		X	
11-02422	E-8	P. calif	1183	45.5	♀	m	imperf, p-l	X			X dusted orange
11-02400	E-8.3	P. calif.	1235	38.5	♂	m	scrotal		X		X
11-03010	E-11	P. b.	04430	25.5	♀	m	perf, par.	X		X	
11-01420	E-11	P. b	01022	25	♂	m	scrotal		X		X
11-03200	W-12	P. b.	03230	26.5	♀	m	imperf, p-l		X		X
	W-10	P. b.	01442	26	♀	m	lact.	X			X
	W-4	P. calif.	1577	32	♀	Sad	perf, null		X		X
	W-3	P. b.	02232	14.5	♀	imm	imperf, null	X		X	
closed-1	W-3	Perognathus	02100	25	♀	m	lact		X	X	
June 2	E-1	P. b.	0402	26	♂	m	scrotal		X		X
	E-5.5	P. b.	0212	RECAP					X	X	
	E-8.3	P. calif.	1235	RECAP					X		X
	E-8.3	P. calif.	1783	38.5	♂	m	scrotal	X		X	orange visible in ears
	E-8.5	P. calif.	1557	RECAP					X	X	wrong release
	E-10	P. calif.	1183	44	RECAP		lact	X			X
	E-11	P. b.	04430	RECAP				X		X	
	E-11	P. b.	01022	RECAP					X		X
	W-12	P. b.	01030	24.5	♂	m	scrotal		X		X
closed-11	W-10	P. b.	01442	RECAP			lact.	X	X	X	
(N)	W-9	P. b.	02402	14.5	♀	E sad	imperf, null		X		X coll tail
	W-6	P. calif.	1577	RECAP				X		X	
	W-5	Perognathus	02100	RECAP			lact		X	X	
	W-3	P. b.	02232	14.5	RECAP			X		X	





ZIBBLE, D.O.  
1989

~~Drift Fence Data~~  
Drift Fence Data

Harpur Reservation, Monterey Co., Calif

Location = GRID RC

	St	Spp	No	WT	Sex	Age	Bdy	Caught		Released		
								IN	OUT	IN	OUT	
June 1 (continued)	W-2.5	P. b.	01212	29	♀	m	imperf, null		X		X	preg?
	W-2	P. b.	0310	23.5	♂	m	scrotal		X		X	
June 3	E-5.5	P. Calif.	1588	18.5	♂	Imm	TND		X		X	
	E-8	P. b.	02002	27	♀	m	Lact.		X	X		
	E-8.3	P. Calif.	1557	RECAP					X		X	
	E-8.3	P. Calif.	1783	RECAP				X			X	
	E-8.5	P. Calif.	1183	41.5	♂	RECAP	Lact	X			X	Red dusted orange
	E-8.5	P. Calif.	1235	RECAP					X		X	
	E-11	P. b.	04430	RECAP				X		X		
	E-11	P. b.	01022	RECAP					X		X	
	W-12	P. b.	01030	RECAP					X		X	
	W-12	P. b.	?	Escaped					X	X		} same trap
	W-10	P. b.	01442	RECAP			lact	X			X	
	W-7	Per. megalotis	02130	11g	♀	m	Imp, par.		X		X	
	W-5.5	Perognathus	02100	RECAP			p-l		X	X		
	W-5	Perognathus	0130	24.5	♂	m	scrotal		X		X	
	W-3	P. b.	02232	RECAP				X		X		
	W-1.5	P. b.	04101	23	♀	m	Imp, par	X		X		
	W-1	P. b.	01212	29	RECAP			X		X		
June 4	E-2.5	N. hesperis	1207	25.5	♀	m	lact	X		X		
	E-5	P. Californicus	1588	RECAP					X		X	
closed - 11/11	E-6	Pb	0212	11			lact		X	X		
	E-9	Pb	02002	11					X	X		
38 hays	E-8.3	P. Californicus	1783	11					X		X	
	E-8.5	P. Californicus	1235	11					X		X	
cens = 10/134	E-8.6	P. Californicus	1522	39	♀	m	perf, nullip		X		X	
	E-10	P. Californicus	1183	RECAP			post-lact	X			X	
	E-11	Pb	04430	11				X		X		
			01022	11					X		X	
40	W-10	Pb	01302	24	♂	m	scrotal	X		X		
			01442	RECAP			lact	X			X	
cens = 11/390	W-9	Pb	02412	19g	♂	m	TND (close)		X		X	CT. white patch on tail.
	W-8.5	Pb	044410	RECAP				X		X		
closed - 11	W-8	Pb	03230	11					X		X	
	W-6	Pb	01030	11	♂	m	scrotal		X		X	
	W-5.5	Perognathus	02100	11			post-lact		X		X	
	W-4.5	Pb	02232	11				X		X		
	W-4	Perognathus	0130	11					X		X	
	W-3	P. Californicus	1421	40.5g	♀	m		X		X		dusted GREEN
	W-2	Pb	01212	RECAP					X		X	

~ closed traps and left passageways blocked ~



RIBBLE, DD  
1989

DISPERSED DATA  
DRIFT FENCE

Hastings Reservation, Monterey Co., Calif.

Location: GRID PC

	St.	Spp.	No	WT	Sex	Age	Bldg	Caught IN OUT	Released IN OUT	
June 6	E-4	Pb	01101	24.5	♂	M	scrotal		X	X
242413	E-55	P. californicus	1588	20	♂	Imm	TAD		X	X
02432	E-8	P. californicus	1572	40g	♀	M	sempref, nullip		X	X
closed III	E-8.3	P. californicus	1783	39g	♂	M	scrotal		X	
	E-8.3	P. californicus	1183	39.5	♀	M	imp, p-lact	X		X Dusted orange
	E-8.5	P. californicus	1235	36	♂	M	scrotal		X	X
			04430	24	♀	M	imp, parous	X		X
03010	E-11	Pb	closed	—						
	W-11	P. megalotis	02130	13.5	♀	M	p-lact imp, parous	X		X
	W-10	Pb	01302	23.5	♂	M	scrotal	X		X
	W-9	Pb	01020	25	♂	M	scrotal		X	X
	W-8.5	Pb	01412	24	♀	M	imp, p-lact	X		X
	W-8	Pb	03230	24	♀	M	imp, p-l		X	X
closed II	W-8	Pb	04101	23	♀	M	imp, nullip	X		X
			02232	14	♀	Imm	nullip	X		X
	W-3	Pb	01212	31	♀	M	pregnat		X	X
	W-2.5	Pb	01232	24	♂	M	scrotal	X		X
	W-2	Pb	01222	26	♀	M	imp, nullip		X	X
	W-1.5	Pb	0310	22	♂	M	scrotal		X	X
①	W-1	Pb	02432	19	♂	SAD	TAD		X	X
June 7	E-2	P. b.	0412	24	♂	M	scrotal		X	X
	E-1	P. b.	0402	24.5	♂	M	scrotal	X		X
	E-6	P. calif.	1588	RECAP					X	X
	E-6.5	P. b.	0212	24.5	♀	M	lact		X	X
closed III	E-7	Perognathus	02400	26	♂	M	scrotal		X	X
	E-8	P. calif.	1235	RECAP					X	X
	E-8	P. calif.	1183	RECAP				X		X
	E-8.5	P. calif.	0108	41.5	♂	M	scrotal		X	X
	E-10	P. calif.	1783	RECAP				X		X
	E-11	P. b.	04436	RECAP	♀			X		X
	E-11	P. b.	01022	24	♂	M	scrotal		X	X
	W-10	P. b.	01442	23	♀	M	lact	X		X
closed III	W-5.5	Perognathus	0130	24.5	♂	M	scrotal		X	X
	W-5.3	Perognathus	02100	24.5	♀	M	imp, p-l		X	X
	W-4	P. b.	02232	RECAP				X		X
	W-4	P. b.	02432	RECAP					X	X
	W-3	P. calif.	1232	RECAP				X		X
	W-3	P. b.	01212	RECAP					X	X
June 8	W-3	P. b.	0402							
	E-1	P. b.	0402	Recap					X	X
closed III	E-2	P. b.	0412	Recap					X	X
	E-6	P. b.	0212	Recap					X	X
	E-6	P. calif.	1588	Recap				X		X
	E-6.8	P. calif.	1551	37.0	♀	M	Imp, par, lact		X	X
	E-7	P. calif.	1557	24.5	♀	SAD	null		X	X
closed III	E-8	P. calif.	1183	RECAP			imp	X		X
	E-8.3	P. calif.	1235	Recap					X	X
closed III	E-10	P. calif.	1783	Recap				X		X
	E-11	P. b.	04420	Recap				X		X
	W-11	P. megalotis	02130	RECAP				X		X



Don Behren, Julie  
1989

# Drift Fences

Hastings Reservation, Monterey Co., Ca.

Location - Grid RC

	St	Spp	No	Wt	Sex	Age	Brdg	caught released				Comments
								IN	OUT	IN	OUT	
June 12	E-6.8	Pb	0212	RECAP			p-l?		X	X		
Closed 11/1	E-7	Perognath.	02400	RECAP				X			X	Wrong release
	E-7	Pb.	02002	29	♀	m	par, pl?		X	X		
	E-8	Pcalif	1235	RECAP					X		X	
	E8.3	P. calif	1183	RECAP				X			X	
	E8.3	P. calif	1783	RECAP					X		X	Ear tag is flipped around
	E-10	P. b.	04430	RECAP				X		X		
	E13	Pb	01092	RECAP					X		X	
	W-8.3	P. b.	01442	RECAP	♀		lact	X			X	- only 1 trap at this station
Closed 1/1	W-7	Reithro.	3.5		♂	m			X		X	
	W6	Pb.	01232	RECAP				X		X		
	W6	P. b.	03230	RECAP			Imp		X		X	
	W5	Perognath.	02100	RECAP					X		X	
	W4.5	Pb	02412	19	♂	Sad	TND		X		X	
	W2.5	Pb	01222	27	♀	M	null		X		X	
	W2.5	Pb	02232	15	♀	Imm Sad Imm	<del>Imp</del>	X		X		
June 13	E-1	P. h.	0412	23.5	♂	m	scrot		X			
Closed 11	E-2	P. b.	02422	RECAP	♀		imp		X		X	collected tail tip.
	E-4	Neotoma	1207	RECAP				X		X		
	E4.5	P. b.	01312	24.5	♀	M	Lact Imp		X			
	E5.5	P. calif	1588	RECAP					X		X	
	E6.8	Perognath	02400	RECAP				X		X		
	E-7	Pb	02002	RECAP			Lact Imp		X	X		
	E-8	Pcalif	1235	RECAP					X		X	
	E8.3	Pcalif	1783 (1783)	RECAP					X		X	





Von Behren, Julio  
1989

# Drift Fences

Hastings Reservation, Monterey Co., Ca.

Location: RC

	St	Spp	No	WT	Sex	Age	Brdg	caught		released		
								IN	out	IN	out	
June 13	E8.3	Pcalif	1193	RECAP			Imp	X			X	
	E8.6	Pcalif	1551	RECAP			Imp		X		X	
	E9.6	Pb.	03141	25	♂	M	<del>Imp</del> <sup>null</sup> <del>scrot</del>	X		X		
	E13	Pb	01022	RECAP					X		X	
closed	W9	Pb	01030	RECAP					X		X	
	W8.5	Pb	03230	RECAP			Imp.		X		X	
	W8	Pb	01442	RECAP			lact	X			X	} in same trap
closed	W8	Pb.	01302	22	♂	M	scrotal	X		X		
W5.7	Pb	02432	RECAP				TND		X		X	
	W-5.3	Perognathus	02100	RECAP					X		X	
	W-4.5	<sup>P.b</sup> <del>02412</del>	02412	RECAP					X		X	
	W4.2	<sup>Perognathus</sup> <del>02130</del>	02130	25	♂	m	scrotal		X		X	
	W4.2	P.b	04101	23.5	♀	m	imp null	X		X		
	W3	Pb	01232	24	♂	m	scrotal	X		X		
	W2	Pb	0310	23	♂	m	scrotal		X		X	
June 14	E1	P.b.	0412	RECAP	♂	m	scrot.	X		X		
closed	E1	Pb	02422	RECAP			Imp		X		X	
	E4	P.b	0212	26	♀	m	p-l		X		X	
closed	E5	Pcalif	1588	<sup>23</sup> <del>33</del>	♂	Imm	TND		X		X	
	E7	Pcalif	1551	40	♀	m	Imp		X		X	Dusted Purple
	E7	Pcalif	1557	26	♀	Sad	Imp	X		X		
	E8.3	Pcalif	1183	36.5	♀	m	Imp	X			X	Dusted orange
	E8.3	Pcalif	1783	37.5	♂	m	Scrotal		X		X	
	E8.7	P.b.	03141	24.5	♂	m	scrot	X		X		
	E9.5	Pb	02002	28	♀	m	p-l?		X	X		



VonBehren, Julie  
1989

# Drift Fences

Hastings Reservation, Monterey Co, Ca.

Location: RC

	St	Spp.	No	Wt	Sex	Age	Brdg.	caught in	out	released in	out	
June 14	E13	P.b.	01022	24	♂	m	Scrot		x		x	
	W-9	Pb	01442	24	♀	m	lact? Perf	x		<del>no</del>	x	
closed I	W-8.3	Pb	01030	26	♂	m	Scrot		x		x	
	W8	Pb	03230	26	♀	m	Imp		x		x	
	W8	Pb.	04101	26	RECAP		Imp	x		x		
	W6.4	Bird (sparrow of some kind)						x				
	W6	Pb	01232	23	♂	m	Scrot		x		x	
	W5.5	Neotoma	NOT Eaten - jumped out of trap					x			x	wrong release
	W5	Perognath.	02100	RECAP			lact		x	x		
	W5	Pb.	02432	19	Sad	Sad	TND	x		x		
closed I	W4.5	Pb	02412	16	♂	Sad	TND		x		x	
	W3	Pb	02232	14.5	♀	Imm	null Imp	x		x		
June 15	E1	Pb	02422	18.5	♀	Sad	Imp	x		x		
	E3	Pb	0212	recap	♀	m	P.I. Imp		x		x	
closed III	ES	Pb	01312	23	♀	m	lact Imp		x	x		
closed II	ES.5	P. Calif.	11598	recap	♂	imm			x		x	
	E8	P. Californian	1235		♂	m			x		x	mamm bleeding
	E8.3	P. Calif.	1183		♀	m	Imp	x			x	redust orange
	E8.3	P. calif.	1783	RECAP					x		x	
	E9.5	P.b.	3141	RECAP					x		x	
	E13	P.b.	4430	24.5	♀	m	Imp	x		x		
	E13	P.b.	1022	RECAP					x		x	
closed II	W9	P.b.		11	♀	imm		x				Trap mortality
	W8	P.b.	1442	Recap			Imp	x		x		145-73-20-17 collected 1/19 tail sheath 6/23/89
	W6	P.b.	4101	Recap			Imp		x		x	



VonBehren, Julie  
1989

# Drift Fences

Hastings Reservation, Monterey Co., Ca.

Location: RC

	St	Spp.	No.	Wt.	Sex	Age	Brdg.	caught in out	released in out	
June 15	W5.5	Bird						X	X	
Closed <sup>(N)</sup> 1	W5.5	P.b.	02442	18.5	♂	em	tend?	X	X	collected tail tip
	W5	Perognathus	2100				lact?	X	X	<del>very pale</del>
	W4.7	P.b.	2422				Imp	X	X	
	W4.3	Perognathus	0130	24	♂	m	scrotal	X		
	W3	P.b.	2232				Imp	X	X	
	W3	P. calif	1421	40	♀	m	Par Imp	X	X	Dusted Green
June 16	E4.5	spermophilus beecheyi	in woodrat trap (National)					Both shermans at this station closed		
	E5	Perognathus	02400		♂	m	scrotal	X	X	
closed <sup>(N)</sup> 1	E5.5	Pcalif	1588					X	X	
	E8	Pcalif	1183	39	♀	m	Imp	X	X	
	E8.3	Pcalif	1235	38.5	♂	M	scrot	X	X	
	E8.3	Pb	03141		♂			X	X	
	W11	Rathodactylus	02130	13.5	♀	m	par.? Imp	X	X	
closed <sup>(N)</sup> 1	W9	Pb	01442		♀		Imp pl	X	X	
	W8	Pb	04101	23	♀	m	Imp	X	X	
	W6	Pb	03230	24.5	♀	M	full imp	X	X	
	W6	Neotoma	not tagged 160			Imm		X	X	
	W5.7	Perognathus	02100	21	♀	m	Imp pl	X	X	
	W4.5	Pb	02442					X	X	
	W4	Perognath.	0130					X	X	
	W4	Pb	02232					X	X	
	W2	Pb	02432					X	X	
June 17	E1	Pb	0402	27.5	♂	m	scrot	X	X	
	E1.5	Pb	02422				Imp	X	X	





Von Behren, Julie  
1989

# Drift Fences

Hastings Reservation, Monterey Co., Ca.

Location: RC

	St	Spp.	No.	Wt.	Sex	Age	Brdg.	Caught		released	
								IN	out	IN	
June 17	E4	Pb	0212	RECAP			imp lact?	<del>x</del>	X	x	
closed III	E5	Pcalif	1557	RECAP			Imp null		X		National trap here is open
	E5.5	Pcalif	1551	RECAP					X	x	red not orange
	E6.5	Perognathus	02400	24g RECAP				x		x	
	E8.3	Pcalif	1183	RECAP				x		x	
	E8.7	Pb	03141	RECAP					x	x	
	W11	Reithrodont.	0213p	14		RECAP	imp		x	x	
closed IIII	W10	Pb	04101	RECAP	♀	m	Imp		x	x	
	W9	Pb	01302	RECAP				x		x	
	W8.5	Pb.	01442	RECAP			null Imp		x	x	
	W6.5	Pb	03230	RECAP					x	x	
	W6	Perognathus	02102	RECAP			Lact	x		x	
	W5.3	Pb	01432	26	♂	m	scrot	x		x	
	W5.3	Pb.	0012	25.5	♀	m	Imp par		x	x	
(N)	W5	Perognathus	02400	17	♀	Imm	Imp null	<del>x</del>	x	x	
	W4	Pb	02412	RECAP					x	x	
	W3.5	Pb	02242	RECAP				x		x	
	W3	Neotoma	No TAG						x	x	}
	W3	Pcalif	1421	40	♀	m	null? Imp		x	x	
	W2.5	Pb	02012	22	♂	m	scrot		x	x	
June 18	E1.5	Pb	02422	18	♀	Sad	Imp		x	x	
	E4	Pb.	0212	RE			Imp		x	x	
closed I	E5	Bird	caught in national					<del>x</del>	x		
	E5	Pcalif	1557	RECAP			Imp		x	x	
	E5.3	Pcalif	1588	RECAP					x	x	



2442  
3002  
3012  
3022

3042  
3102  
↓

3042

4442

3

Van Behren, Julie  
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## Drift Fences

Hastings Reservation, Monterey Co., Ca.

Location: Grid RC

	St	Spp	No	Wt	Sex	Age	Brdg	caught		released		
								In	out	In	out	
June 18	E 6.7	Pb	01312		RECAP		Lact		X	X		
closed III	E 7	Pb.	02002		♀	m	Imp	X			X	wrong released
	E 8	Pcalif	1183				RECAP	X			X	
	E 8	Pcalif	1551			M	par. Imp		X		X	
	E 8.3	Pb	03141				RECAP	X		X		
	E 8.3	P. calif	01783				RECAP		X		X	
	E 13	P.b.	01022	23	♂	m	scrotal		X		X	
	W 10	Pb.	01302	21	♂	m	scrot	X		X		
	W 9	Pb	04101				RECAP	X		X		
	W 8.3	Pb.	01030			m	scrot		X		X	
	W 7.5	Pb	01441	22.5	♀	m	Imp	X		X		
	W 6.7	Pb.	02442	18	♂	sub	TND	X		X		
closed III	W 5	Perognathus	02400				RECAP	X	X	X	X	
	W 4.5	Pb.	01432		♂	m	scrotal		X		X	
	W 4.3	Pb.	02432	18.5	♂	sub	TND	X		X		
	W 4	Perognathus	02100				RECAP		X	X		
	W 3	P. calif	1421	38	♀	M	Imp	X		X		
	W 2.5	P. b.	01232				RECAP	X		X		
	W 1.5	Pb.	02012	22	♂	m	scrot	X		X		
June 19	E 3	Neotoma	not tagged						X		X	
closed III	E 5	Pcalif.	1551	38	♀	m	Imp		X		X	purp
	E 5.5	Pcalif	1588				RECAP		X		X	
	E 6	Pb	1312	23	♀	m	p-l?		X	X		
	E 6.5	Pb	0212				RECAP		X		X	
	E 7	Pcalif	1557				RECAP	X		X		



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## Drift Fences

Hastings Reservation, Monterey Co, Ca.

Location: Grid RC

Date	St	SPP	No	WT	Sex	Age	Brdg	CAUGHT		RELEASED		
								IN	OUT	IN	OUT	
June 18	E8	Pcalif	1183	RE	CAP		Imp	X		X	X	
	E8.3	P. calif	1783	RECAP				X		X		
	E8.3	Pb	3141	RECAP					X		X	
	E8.5	Pb.	02002	27.5	RECAP	P			X		X	
	E13	Pb	01020	RECAP	♂	m	scrotal	X			X	wrong release
Closed III	E8.3	Pb	01442	RECAP					X		X	
	W6.5	Pb	02442	RECAP					X		X	
	W6	Pb	04101	RECAP				X		X		
	W5.7	Neotoma				Im1		X		X		
	W5.7	Pb	0332	23.5	♀	m	Imp		X		X	
	W5.4	Perognathus	02100	RECAP			lact?		X	X		half its tail gone
	W4.7	Pb	02432	18.5	♂	Sad	TNP		X		X	
right new number?	W4.3	Pb	02413	26	♀	m	Imp		X		X	need tail tip
	W4	Perognathus	0130	RECAP					X		X	
	W4	Pb	01432	RECAP				X		X		
	W3	Pb	02232	RECAP				X		X		
	W2	Pb.	02423	30	♀	♀m	Lact		X	X		
	W1	Pb	01232	23.5	♂	m	scrot	X		X		
June 20	E3	Pb	01422	RECAP			Imp null		X		X	
Closed III	E5	Neotoma	1207	RECAP					X		X	Int. national
	E5.5	P calif	1557	26	♀	Sad	Imp		X		X	
	E6	Pcalif	1551	RECAP			Imp		X		X	
	E6.5	Pb	01312	RECAP			Imp		X		X	
	E7	Pcalif	1586	RECAP				X		X		
	E8	Pcalif	1183	37	♀	m	Imp	X			X	dust orange



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## Drift Fence

Hastings Reservation, Monterey Co, Ca.

Location: RC

	St	Spp	No	Wt	Sex	Age	Brdg	CAUGHT		Release	
								IN	OUT	IN	OUT
June 20	E8	P calif	0100	40	♂	m	Scrot		X		X
closed 11/1	E8.3	Pb	03141	24	♂	m	Scrot	X		X	
	E8.3	P calif	1783	40	♂	m	Scrot		X		X
	N11	Peithodont.	02130	16.5	♀	M	Imp preg?	X		X	
	W10	Pb	01302	RECAP	m		Scrot	X		X	
	W9	Pb	01442	22	♀	m	Imp	X		X	
closed 11/1	W8.5	Ph	01030	RECAP	m		Scrot		X		X
	W6	Ph	04101	RECAP			Imp per	X		X	
	W5.7	Neotoma f.	150			Imm		X		X	
	W5.3	Pb	02412	17	♂	m	TND		X		X
	W5.3	Ph	012	24	♀	m	Imp	X		X	
	W5	Perognathus	0130	23.5	♂	m	Scrot	X		X	
	W4.7	Pb	01432	26	♂	m	Scrot		X		X
	W4.5	Perognathus	02100	RECAP				X		X	
	W3	Pb	01222	27	♀	m	Imp		X		X
	W3	Pb	02232	RECAP				X		X	
	W2.5	Pb	01232	RECAP			Scrot	X		X	
	W2	Pb	02432	RECAP				X		X	
	W1	Pb	02423	RECAP			P1	X		X	
June 21	E1	Pb	02422	18	♀	Sad	imp		X		X
closed 11/1	E1	Pb	0402	25.5	♂	m	Scrot	X		X	
	E3.5	P calif	1588	RECAP	Imm		TND		X		X
	E6.5	Pb	01312	RECAP			Imp	X		X	
	E8	P calif	1551	RECAP			Imp		X		X
	E8.5	Pb	03141	RECAP					X		X





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Drift Fence

Hastings Reservation, Monterey Co., Ca.

Location: RC

	St	Spp	No	Wt	Sex	Age	Brdg	caught		Release		
								In	out	In	out	
June 21	E 8.7	Pcalif	0100	RECAP	m	scrot		x			x	
	E 8.9	Pcalif	1235	39	♂	m	scrot	x			x	
	E 10	Pcalif	1183	RECAP				x			x	
	E 13	Pb	01032	RECAP	♂	m	scrot	x			x	
Closed III	W 11	Rathrod	02130	RECAP				x			x	
III	W 9	Pb	01312	RECAP				x		x		
	W 8.3	Pb	01442	RECAP			Imp		x		x	
	W 8	Pb	0332	25	♀	m	Imp null?	x		x		
	W 6.7	<del>W 6.7</del>	Pb	04101	RECAP			x	*	x		Patch of hair missing on tail
	W 6	Pb	02232	RECAP	♀	Imm	Imp	x		x		
	W 5.7	Perognath	2100	RECAP			lact?		x	x		Blood on Genitals
	W 5.7	Neotoma	notag	1		I Sub Imm		x		x		Half of tail gone
	W 5.3	Perognath	?					*	x	x		wrong release
	W 4.7	Pb	0012	RECAP			Imp		x		x	
	W 4	Pb	?	jumped through hole in plastic cage				*	x	x		wrong release
	W 4	Pb	01432	RECAP			scrot		x		x	
	W 3	Pcalif	1421	(?) right front foot stuck in trap door				x		*	x	same trap
	W 3	Pcalif	1610	21.5	♂	ESad	TNP	x		x		
	W 3	Pb	01222	RECAP					x		x	
	W 2.5	Pb	01232	RECAP					x		x	





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Hastings Reservation, Monterey Co., Calif

GRID RC drift fence.

	St	Species	No	WT	Sex	Age	Body	Caught		Released		
								IN	OUT	IN	OUT	
June 22	E-1	Pb	02422	17	♀	Emat	up, nullip		X		X	
	E-3	Pb	0402	26	♂	m	scrotal		X		X	
sed - 11/1 B total	E-4.5	Pb	01101	24	♀	m	scrotal		X		X	
		Pb	01422	21	♀	m	up, nullip	X		X		
①	E-6	Pb	01312	22	♀	m	up, p-lact		X		X	
	E-6.5	Pb	03022	22	♂	m	scrotal		X		X	
was = 13/33	E-7	P. californicus	1588	24	♂	lm	TAD	X		X		(03202 coll tail wrong #)
	E-8	Pb	03141	24	♂	m	scrotal		X		X	
	E-8.3	P. californicus	1572	43.5	♀	m	up, nullip, parous		X		X	
	E-8.5	P. californicus	1235	38	♂	m	scrotal		X		X	
	E-8.6	P. californicus	1783	39	♂	m	scrotal	X		X		
	E-9.5	P. californicus	0100	40	♂	m	scrotal		X		X	
	E-11	Pb	01022	23	♂	m	scrotal		X		X	
	W-12	Pb	01030	25	♂	m	scrotal		X		X	
	W-9	Pb	01302	22	♂	m	scrotal	X		X		
	W-8.5	Pb	01442	22	♀	m	up, p-l		X		X	
	W-8	P. mazatlanus	02130	16	♀	m	up, parous		X		X	
	W-8	Pb	02442	20	♂	Em	TAD	X		X		
	W-6.5	Pb	03230	23	♀	m	up, parous		X		X	
②	W-6.5	Pb	03022	24	♀	m	up, nullip	X		X		coll tail
	W-6	Pb	01232	23	♂	m	scrotal	X		X		
Q-TAL tal	② W-5.5	S. leucogaster	Did not tag						X		X	
		N. fuscipes	1649	100	♂	SAD	TAD	X		X		
	W-5	Perognathus	02100	20	♀	m	up, p-l		X		X	
	W-5	Pb	02423	24.5	♀	m	up, lact	X		X		
was = 18/34	W-4.6	Pb	01432	25	♂	m	scrotal		X		X	
	W-4.3	Pb	02413	22	♀	m	up, nullip	X		X		
	W-3	P. californicus	1513	31	♂	SAD	TAD		X		X	
		Pb	012	23	♀	m	up, parous	X		X		
	W-2.9	Pb	02232	16	♀	imp	up, nullip	X		X		
	W-2.8	Pb	02012	23	♂	m	scrotal	X		X		
June 23	E-1	P.b.	0402	RECAP					X		X	
	E-4	N. fuscipes	1207	205	♀	m	Imp, lact	X		X		
closed 11/1	E 4.7	P. b.	01312	RECAP				X		X		
	E 5.5	P. calif	1588	24		RECAP			X		X	
	E 6.5	Perognathus	02400	24	♂	m	scrotal	X		X		
③	E 6.7	P. b.	03032	24	♀	m	Imp par		X		X	collected tail tip
	E-8	P calif	1235	39		RECAP			X		X	
	E 8.3	P calif	1572	43		RECAP	per/lact		X		X	
	E 8.3	P. calif	1558	44.5	♀	m		X			X	dusted blue-green around on neck dusted purple
	E 8.5	P. califom	1551	39	♀	m	imp, par.		X	X		
	E 8.57	P calif	1183	39.5	♀	m	imp, par	X			X	
	E 8.7	P. calif	0100	40	♂	m	scrotal		X		X	
	E 9.5	P. b.	03141	RECAP					X		X	
closed 1	E 11	P. b.	1022	RECAP				X		X		
	W 11	Reithrodontomys	02130		♀	m	giving birth	X		X		gave birth in trap - taken to lab.
	W 7.7	P. b.	01442	RECAP				X		X		
	W 7.7	Pb.	03022	RECAP		m	lact		X	X		



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# JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID RC Drift fence

	St	Spp	No	WT	Sex	Age	Brdg	Caught IN	OUT	Released IN	OUT	
June 23 Closed III	W6.7	P.b.	02442	RECAP				x		x		
	W6	P.b.	01232	RECAP				x		x		
	W5.7	<i>Neotoma fuscipes</i>	1649	RECAP				x		x		
	W4.5	P.b.	02232	RECAP				x		x		
	W4.5	<i>Perognathus</i>	02100	RECAP					x		x	
	W4	<i>Perognathus</i>	0220130	23	♂	m	Scrotal		x		x	
	W3.7	<i>P. boylii</i>	02403	RECAP			lact	x			x	
	W3	P.b.	04101	23	♀	m	Imp, par	x		x		
	W3	P.b.	02413	RECAP	♀				x		x	collected tail tips
	W1.5	<i>S. beecheyi</i>	—					x		x		
June 24 Closed - III	E-1	Pb	02422	RECAP				x		x		
	E-2	Pb	0412	"					x		x	
	E-2.5	Pb	0302	23.5	♀	m	up, p-1		x		x	coll tail
	E-4	<i>N. fuscipes</i>	1207	RECAP			lact	x			x	
	E-4.5	Pb	01101	24g			Mortality Coll #967		x			
	E-5	Pb	0212	23	♀	m	lact		x	x		
	E-5.5	<i>P. californicus</i>	1551	37			RECAP		x	x		
	E-6	Pb	01312	RECAP					x		x	
	E-8	<i>P. californicus</i>	1558	42			RECAP		x	x		
	E-8.3	<i>P. californicus</i>	1783	39.5	♂	m	lact	x		x		drag in pens
Closed - III	E-8.3	<i>P. californicus</i>	1235	36.5			RECAP		x		x	
	E-8.6	<i>P. californicus</i>	0100	37.5	"				x		x	
	E-9	<i>P. californicus</i>	1183	39	"			x		x		
	E-9.5	Pb	03141	RECAP				x		x		
	E-10	Pb	02132	23.5	♂	m	scrotal	x		x		
	E-11	Pb	01022	RECAP				x		x		
	W-12	Pb	01030	"					x		x	
	W-10	Pb	03022	"			lact	x			x	
	W-9	Pb	01302	"				x		x		
	W-8.5	Pb	01442	"					x		x	
Closed - III	W-6	Pb	02422	"				x		x		
	W-5.6	<i>N. fuscipes</i>	1649	"				x		x		
	W-5.3	Pb	02442	"				x		x		
	W-5	<i>R. megalotis</i>	03310	25.5	♂	m	raw		x		x	
	W-5	<i>Perognathus</i>	02100	RECAP				x		x		
	W-4.5	<i>Perognathus</i>	0130	"				x		x		
	W-4	Pb	02232	"				x		x		
	W-3	<i>P. californicus</i>	1421	36.5	♀	m	up, parous		x		x	
	W-2.5	Pb	04101	RECAP				x		x		
	W-1.5	Pb	01232	"				x		x		

June 25 ~ Traps closed and passageways left closed



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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co, Calif

GRID RC

	JT	Spp	NO	WT	Sex	Age	Body	Caught IN	OUT	Released IN	OUT
June 26	E-1	Pb	0312	23	♀	m	up, P-1		x		x
			0402	26	♂	m	scrotal	x		x	
2-111	E-1.5	Pb	02422	18.5	♀	SAD	nullip		x		x
			0412	23	♂	m	scrotal	x		x	
14 35 = 33	(N) E-3	N. fuscipes	1657	255	♀	m	up, P-1		x		x
	E-4	N. fuscipes	1207	245	♀	m	up, P-1	x		x	
	E-4.5	Pb	0212	24.5	♀	m	lost	x			x
	E-5	Pb	03141	21?	♂	m	scrotal		x		x
	E-5.5	P. californicus	1588	25	♂	Imm	TND		x		x
	E-6	Pb	03032	23.5	♀	m	up, parous		x		x
	E-6.3	P. californicus	1235	38.5	♂	m	scrotal		x		x
			1183	34	♀	m	up, parous	x			x
	E-6.5	P. californicus	1783	40.5	♂	m	scrotal	x		x	
	E-11	Pb	01022	24	♂	m	scrotal		x		x
(N)	W-11	Perognathus	02430	185	♂	SAD	TND		x		x
	W-9	Perognathus	0140	23	♂	m	scrotal		x		x
11 38 = 38	W-8	P. b.	01442	22	♀	m	up, P-1	x		x	
	W-6	N. fuscipes	1649	150	♂	Imm	TND	x		x	
(N)	W-5	Perognathus	03000	12	♀	Imm	nullip		x		x
(N)	W-4.6	Perognathus	03010	14	♂	Imm	TND		x		x
	W-4	Perognathus	02100	20	♀	m	up, P-1	x		x	
	W-3	Pb	02232	15	♀	Imm	up, null	x		x	
closed-11	W-25	P. b.	04101	22	♀	m	up, parous	x		x	
	W-2	Pb	02012	23	♂	m	scrotal	x		x	
	W-1	Pb	01232	24	♂	m	scrotal	x		x	
June 27	E-1	P. b.	02122	RECAP				x		x	
	E-1	P. b.	0402	RECAP					x		x
closed 1	E-3	N. fuscipes	1657	RECAP					x		x
	E-4.5	P. b.	01422	22	♀	m	Imp, null	x		x	
	E-5.5	P. b.	0212	RECAP					x		x
116/37	(N) E-5.5	N. fuscipes	1659	95	♀	Imm	null	x		x	
	E-6.3	Perognathus	02026	23	♂	m	scrotal		x		x
	E-6.7	P. b.	03202	22	♂	m	scrotal	x		x	
	E-6.7	P. b.	01312	RECAP					x		x
	E-8	P. calif.	1183	38	♀	m	RECAP	x		x	
	E-8	P. calif.	1551	40.5	♀	m	Imp, par		x		x
	E-8.7	P. calif.	1783	41		RECAP		x		x	
	E-8.7	P. calif.	1235	38		RECAP			x		x
	E-9.5	P. b.	03141	RECAP					x		x
	E-10	S. beecheyi	-								
	E-11	P. b.	01022	RECAP					x		x
	W-9	P. b.	01302	23	♂	m	scrotal	x		x	
(N)	W-8.5	Reithrodontomys	03320	7.5	♂	Imm	TND		x		x
	W-8.5	Perognathus	0130	21.5	♂	m	scrotal	x		x	
	W-6	N. fuscipes	1649					x		x	
closed 111	W-5	Perognathus	02100	RECAP					x		x
	W-4	Perognathus	3000	RECAP				x		x	
success = 9/35	W-3.5	P. b.	02232	RECAP				x		x	
	W-3	P. californ.	1528	30	♂	Em	Scrotal	x		x	



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Hastings Reservation, Monterey Co., Calif

GRID DC

	St	Spp	No	wt	Sex	Age	Bldg	Caught		Released	
								IN	OUT	IN	OUT
June 27	W-3	P. calif.	1421	38.5 3	♀	m	perf, null		X		X
June 28	E-1	P. b.	0402				RECAP	X		X	
	E-2.15	P. b.	02422				RECAP	X		X	
4 -03172	E-2	P. b.	0412				RECAP		X		X
	E-3	N. fuscipes	1657				RECAP		X		X
-03030	E-4.5	P. b.	01422				RECAP	X		X	
	(N) E-4.5	Perognathus	03020	1.3	♂	Imm	TND		X		X
-03010 closed	E-5.5	P. b.	0212				RECAP		X	X	
	E-6	P. b.	03032				RECAP		X		X
-03170	E-6.7	P. b.	01312				RECAP		X		X
	E-7	P. b.	03202				RECAP	X		X	
3 -03420	E-7	P. b.	03141				RECAP		X		X
	E-8	N. fuscipes	1659				RECAP	X		X	
success = 18/37	E-8.3	P. californicus	1783	40			RECAP	X	X		X
	E-8.3	P. calif.	1183	39.5				X		X	
	E-9.6	P. calif.	1235	37.5			RECAP				
	E-8.9	P. calif.	1551	39.5			RECAP		X		X
	E-9.5	P. calif.	0160	42.5			RECAP		X		X
	E-11	P. b.	01022				RECAP		X		X
	W-9	P. b.	01030	25	♂	m	scrotal		X		X
	W-9	P. b.	01442				RECAP	X		X	
success = 11/34	W-9.5	Perognathus	0130				RECAP		X		X
	W-8.5	P. b.	04101				RECAP	X		X	
	W-8	P. b.	01302			m	scrotal	X			
	W-6.3	N. fuscipes	1649				RECAP	X		X	
closed III	W-5.7	Reithrodontomys	3320				RECAP	X		X	
	W-5	Perognathus	03020				RECAP		X		X
	W-4.5	P. b.	02232				RECAP	X		X	
	W-4.3	Perognathus	02100				RECAP	X		X	
(N) W-2.7	Perognathus	03300	23		♂	EM	TND	X		X	
June 29	(N) E-1	Reithrodontomys	03420	6.5	♀	Im	null		X		X
	E-2	P. b.	0462				RECAP		X		X
closed III	E-2.5	P. b.	0412				RECAP		X		X
	(N) E-3.5	P. b.	03122	24.5	♀	M	Imp par	X	X		X
	E-4.5	N. fuscipes	1659					X		X	
	E-4.5	Perognathus	03020				RECAP		X		X
Success = 20/35	E-5	P. b.	01422				RECAP	X		X	
	E-5	Perognathus	02020				RECAP		X		X
(N) E-5.5	P. b.	0212					RECAP		X	X	
	E-6	P. b.	03132	26.5	♀	M	Imp par		X		X
	E-6.7	P. calif.	1588	27			RECAP	X		X	
	E-6.7	P. b.	03262				RECAP		X		X
	E-7	P. b.	01312				RECAP	X		X	
	E-7	P. b.	03141				RECAP		X		X
	E-8	P. b.	03032				RECAP	X		X	
	E-8	P. calif.	1551	39			RECAP		X		X
	E-8.3	P. calif.	1183	36			RECAP		X		X
	E-8.5	P. calif.	1783	40			RECAP	X		X	

For #0300 naturally cut.





ZIEBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID RC Drift Fence

	St	Sp	No	Wt	Sex	Age	Body	Captured in out	Released in out
June 29	E8.5	P. calif	<del>348</del> 1235	38		RECAP		X	X
	E11	P. b	01022	RECAP				X	X
	W11	R. megalotis	02130	11	♀	m	Imp, par	X	X
	W9	P. b.	01442	22.5		RECAP		X	X
	W8	Perognathus	0130	23	♂	m	scrotal	X	X
Closed 11/11	W8	R. megalotis	03320	RECAP				X	X
	W7.5	P. b.	02442	18.5	♂	EM	TND	X	X
	W7.5	BIRD							
	W6.7	P. b.	04101	RECAP				X	X
	W6	N. fuscipes	1649	RECAP				X	X
Success = 18/36	W6	P. b.	01222	27	♀	m	Imp, par	X	X
	W5	Perognathus	02100	RECAP				X	X
	W4.5	Perognathus	03000	RECAP				X	X
	W4.5	P. b.	012432	25.5	♂	M	Scrotal	X	X
	W4	P. calif.	1524	30	♂	Sad	TND	X	X
	W4	P. b.	02432	20	♂	Sad	TND	X	X
	W3.7	P. b.	02232	RECAP				X	X
	W3	P. calif.	1513	31.5	♂	L Sad	TND (dose)	X	X
	W3	P. b.	01232	RECAP				X	X
	W1	P. calif.	1421	38.5	♀	M	Perf, par	X	X
June 30	Traps closed, left blocking passageways								
July 1	E-1	P. b.	0412	Recap				X	X
	E-1.5	P. b.	02422	Recap				X	X
	E-3	P. b.	01422	Recap				X	X
	E-4.5	P. b.	03032	Recap				X	X
	E-4.5	Perognathus	03030	17.0	♀	EM	nullip	X	X
11-05142	E-5	Perognathus	02400	26.5	♂	M	scrotal	X	X
	E-5.5	P. b.	0212	22.5	♀	M	Imp, post-L	X	X
	E-6.5	P. b.	03141	Recap				X	X
	E-6.7	Perognathus	03040	24.0	♂	EM	TND	X	X
	E-8	Neotoma	1659	Recap				X	X
11-05142	E-8	P. calif	1235	38.0		Recap		X	X
	E-8.3	P. calif	1588	27.0		Recap		X	X
	E-8.5	P. calif.	1183	37.0		Recap		X	X
	E-8.5	P. calif.	1783	42.0		Recap		X	X
	E-8.7	P. calif.	1558	43.0	♀	M	Post-L, perf	X	X
Success = 15/30	E-8.7	P. calif.	1551	39.0		Recap		X	X
	W-12	P. b.	01030	24.5	♂	M	scrotal	X	X
	W-11	Perognathus	013100	26.0	♂	M	scrotal	X	X
	W-8.5	P. b.	02442	Recap				X	X
	W-8.5	Perognathus	03000	Recap				X	X
	W-7.5	P. b.	01442	Recap				X	X
	W-6.5	P. b.	04101	Recap				X	X
	W-6	P. b.	01232	Recap				X	X
	W-5.6	N. fuscipes	1649	Recap				X	X
	W-5	Perognathus	03010	Recap				X	X
	W-4.5	P. b.	02232	Recap				X	X
	W-3.7	P. b.	01432	?	♂	M	scrotal	X	X
	W-3	Perognathus	02100	Recap				X	X
	W-3	P. b.	01222	Recap				X	X
	W-3	P. b.	01222	Recap				X	X



RIBBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRW RC drift fence

	St	Sp	No	Wt	Sex	Age	Body	Caught		Released	
								in	out	in	out
July 1, cont'd	W-2.7	P.b.	0310	23.0	♂	M	scrotal		x		x
	W-2.7	P. calif.	1421	40.0	Recap			x		x	
July 2	E-1	P.b.	0402	Recap					x		x
	E-1.5	P.b.	02422	Recap					x		x
W-03222 closed	E-1.5	Perognathus	02400	Recap				x		x	
	E-3	P.b.	0422	Recap					x		x
W-03100	E-4	P.b.	03142	17.5	♂	SAD	TND		x		x
	E-4.5	P.b.	03032	Recap					x		x
W-03010	E-5.5	P.b.	0212	Recap					x		x
	E-6	Perognathus	02020	23.0	♂	M	scrotal		x		x
W-03430	E-6.5	P.b.	03141	Recap					x		x
	E-6.5	P.b.	03202	23.0	♂	M	scrotal	x		x	
W-01420	E-7	Perognathus	03040	Recap				x		x	
	E-7	P. calif.	1588	27.0	Recap				x		x
Success = 19/37 = 51%	E-8	P. calif.	1235	38.5	Recap				x		x
	E-8.3	P. calif.	1183	37.5	Recap			x		x	
	E-8.3	P. calif.	1783	40.0	Recap				x		x
	E-8.5	P. calif.	1551	38.0	Recap				x		x
	E-8.7	P. calif.	0100	40.0	♂	M	scrotal		x		x
	E-11	P.b.	0302	22.0	♀	M	Imp., p-l	x		x	
	E-11	P.b.	01322	Recap	<del>♂</del>	<del>M</del>	<del>scrotal</del>		x		x
	W-10	P.b.	01030	24.5	♂	M	scrotal		x		x
	W-10	Perognathus	03000	Recap				x		x	
	W-9	P.b.	01442	Recap					x		x
	W-9	P.b.	01302	23.0	♂	M	scrotal	x		x	
	W-8	P.b.	02442	Recap				x		x	
	W-8	Sorex	cat #971								traps mortality
	W-6	P.b.	01222	Recap					x		x
(N)	W-6	N. fuscipes	1649	Recap				x		x	
	W-5.5	P.b.	03202	20.0	♂	EM	TND		x		x
(N)	W-5	P.b.	03212	19.0	♂	SAD	TND		x		x
	W-4.7	Perognathus	03010	Recap					x		x
Success = 19/37 = 51%	W-4.7	P.b.	02423	25.0	♀	M	parous	x		x	
	W-4.5	Perognathus	02400	Recap					x		x
	W-4.5	Perognathus	0130	Recap				x		x	
	W-4	P.b.	01432	25.5	Recap				x		x
closed 11/	W-4	P.b.	02232	Recap				x		x	
	W-3	P.b.	01232	Recap				x		x	
	W-2.5	P.b.	04101	Recap				x		x	
	W-1	P.b.	02242	24.0	♂	M	scrotal	x		x	







RIBBLE, D.O.  
1989

# JOURNAL-DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID R.C. drift fence

	St	Spp	No	wt	Sex	Age	Bridg	Caught		Released	
								in	out	in	out
July 7 = 8/26 closed III (N) III II -03242 -03130 -03110 -03130 -01420 (N) Closed III 13/37	E-3	P. b.	03142	18	♂	Em	TND		X		X
	E-4.7	Perognathus	02400	26	♂	m	scrotal	X		X	
	E-6.7	P. b.	03141	23	♂	m	scrotal		X		X
	E-7	P. b.	03232	12.5	♂	Imm	TND		X		X
	E-8	P. calif.	1235	38	♂	m	scrotal		X		X
	E-8.3	P. calif.	1551	38.5	♀	m	Perf, par		X		X
	E-8.3	N. fuscipes	escaped					X			X
	E-8.7	P. calif.	1183	42.5	♀	M	Imp, par	X		X	
	W-12	P. b.	01030	24	♂	m	scrotal		X		X
	W-11	R. megalotis	03320	6.5	♂	m	scrotal	X		X	
	W-10	P. b.	01302	22.5	♂	m	scrotal	X		X	
	W-10	Perognathus	03000	15	♀	Imm	Imp, null		X		X
July 8 closed - II Success = 12/36 = 33%	W-9	P. b.	01432	23.5	♀	m	Perf, par	X		X	
	W-8.3	Perognathus	03120	13.5	♀	Imm	Imp, null	X		X	
	W-6.5	P. b.	04101	23	♀	m	Imp, par	X		X	
	W-5.7	Perognathus	0136	24.5	♂	m	scrotal		X		X
	W-5.7	N. fuscipes	1649	150	♂	Em	TND	X		X	
	W-5.3	Perognathus	02100	21	♀	m	Imp, par		X		X
	W-4.5	P. b.	02232	16	♀	Imm	Imp, null		X		X
	W-4.5	Didelphis						X		X	
	W-1	P. b.	03212	17.5	♂	Em	TND	X		X	
	E-5.5	Pb	0212	22	♀	m	up, parous		X		X
	E-6.5	Pb	03141	Recap					X		X
	E-7	P. californicus	03142	Recap				X		X	
closed - III Success = 15/37 (N)	E-8	P. californicus	1183	40g	♂	2-SAD	TND		X		X
	E-8.3	P. californicus	1235	39	♂	Recap			X		X
	E-8.5	P. californicus	1551	39	♂	Recap	Perf, parous		X		X
	E-8.5	P. californicus	1558	43	♀	m	up, parous	X		X	
	E-8.7	P. californicus	0100	44	♂	m	scrotal	X		X	
	E-10	Pb	02132	25.5	♂	m	scrotal	X		X	
	E-11	Pb	03232	12	♂	Recap		X		X	
	E-11	Pb	01322	24	♂	m	scrotal		X		X
	W-12	Pb	03230	25	♀	m	up, parous		X		X
	W-10	Pb	01302	Recap				X		X	
	W-8.5	Pb	01442	25	♀	m	up, parous	X		X	
	W-7	Perognathus	02430	22.5	♂	m	TND		X		X
	W-6	N. fuscipes	1649	Recap				X		X	
	W-4.5	Perognathus	03010	17.5	♂	Imm	TND		X		X
	W-4	Pb	0130	Recap				X		X	
	W-4	Pb	01232	25	♂	m	scrotal	X		X	
	W-3.5	Perognathus	03300	22	♂	Em	TND	X		X	
	W-3	Pb	03242	24	♂	m	scrotal		X		X
	W-2.5	Pb	02232	Recap				X		X	
	W-2.5	Perognathus	02100	"					X		X
	W-1.5	Pb	04101	"				X		X	
	W-1	Pb	03212	"				X		X	
	W-1	Perognathus	03120	11					X		X





Journal - Drift Fence

GRW PC Dept Rec

		St	Spp	No	Wt	Sex	Age	Budg	Caught		Released		
									in	out	in	out	
July 9	E1.5	P.b.	03142				RECAP			X		X	
	E2	P.b.	02422	20	♀	LSAD		Imp, null		X		X	
	E5.3	P.b.	0212				RECAP			X		X	
	E6.7	P.b.	02002	27.5	♀	M		Imp, par		X		X	
	(N) E6.7	Perognathus	03130	18	♀	ESad		Imp, null	X		X		
	E7	P. calif.	1588	28			RECAP		X		X		
	E7	Pb	03141				RECAP			X		X	
	E8	N. fuscipes	11059	100	♀	Sad		Imp, null		X		X	
	E8	P. calif.	1572	42.5	♀	M		Perf, par	X	X	X	X	
	E8.3	P.b.	01022	24	♂	M		Scrotal	X		X		
July 10	E8.3	P. calif	1235	38			RECAP			X		X	
	E8.5	P. calif	1551	39.5			RECAP			X		X	
	E8.5	P. calif	1783	40	♂	M		Scrotal	X		X		
	E8.7	P. calif.	1558	42.5			RECAP		X	X	X	X	
	E8.7	P. calif	0100	42.5			RECAP			X		X	
	E10	P.b.	03232				RECAP		X		X		
	E11	P.b.	02132				RECAP			X		X	
	W11	Perognathus	02430				RECAP		X		X		
	W9	P.b.	01442				RECAP			X		X	
	W8	P.b.	01302				RECAP		X		X		
July 10	W8	P.b.	01030				RECAP			X		X	
	W6.5	Pb	04101				RECAP		X		X		
	W6	N. fuscipes	1649				RECAP		X		X		
	W4.5	P.b.	02232				RECAP		X		X		
	(N) W4.5	Perognathus	03140	18.5	♂	Imm		TND		X		X	
	W3.5	P.b.	01232				RECAP		X		X		
	W3	Perognathus	02100				RECAP		X		X		
	W2.5	Perognathus	03120				RECAP		X		X		
	W1	P.b.	03242				RECAP		X		X		
	July 10	E-1.5	Pb	02422				RECAP			X		X
E-2		P. californicus	11070	29.5	SAD ♀	SAD		up, null P		X		X	retained to lab
E-3		N. fuscipes	1657	270	♀	M		up, post-lat.	X		X		
E-4		Pb	03142				RECAP			X		X	
(A) E-4.5		Perognathus	03200	23	♂	BM		TAD	X		X		
E-5		P. californicus	1550	41			RECAP			X	X	X	Dusted B-Lg
B-5.5		Pb	03141				RECAP			X		X	
E-6		Perognathus	02020	23	♂	M		SAD		X		X	
E-6.5		Perognathus	03130				RECAP		X		X		
E-6.5		P. californicus	1551	38			RECAP			X	X	X	Dusted Purple
July 10	E-7	Pb	02002				RECAP		X		X		
	E-7	Pb	02322	21.5	♂	SAD		TAD		X		X	
	E-8	P. californicus	1588	27			RECAP			X		X	
	E-8.3	P. californicus	1193	39	"				X		X		
	"	P. californicus	1572	41	"					X		X	
	E-8.5	P. californicus	0100	39.5	"				X		X		
	E-8.5	P. californicus	1783	40	"				X		X		
	E-8.6	P. californicus	1235	37	"					X		X	

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RIBBLE, D.D.  
1989

LOWZUAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

PC drift fence

	St	Spp	No	WT	Sex	Age	Bridg	Caught		Released		
								IN	OUT	IN	OUT	
July 10 (Cont)	E-11	Pb	01322	Recapture				x		x		
		Pb	02132	"					x		x	
	W-12	Pb	03230	"					x		x	
	W-11	Perognathus	02430	"					x		x	
	W-11	Perognathus	03320	7	♂	M	scrotal	x		x		
	W-10	Pb	01302	Recap				x		x		
	W-9	Pb	01030	"				x	x		x	
		Pb	01442	"				x		x		
	② W-8.5	Pb	03302	17	♂	SM	tail		x		x	coll tail.
	W-6	N. fuscipes	1642	Recap				x		x		
closed-11 15/30	W-5.5	Perognathus	02100	"					x		x	
	W-4.7	Pb	02232	"				x		x		
	W-4.5	Pb	01232	"				x		x		
		Perognathus	0130	"					x		x	
	W-3	Perognathus	03140	"				x		x		
July 11	W-2.5	Pb	04101	"				x		x		
	E 1.5	P. b.	03032	23.5	♀	m	Impar		x		x	
	E 2	P. b.	02422	Recap					x		x	
	E 3	N. fuscipes	1657	Recap					x		x	
	E 4	P. b.	03142	Recap					x		x	
	E 4.7	P. calif.	1572	40.5	Recap		Impar		x		x	
	E 5	Perognathus	03400	Recap	♂			x	x	x	x	
	E 5	P. calif.	1678	28.5	Recap				x		x	
	E 5.3	P. b.	0212	Recap					x		x	
	E 5.5	Perognathus	03200	Recap					x		x	
closed III g-03210 III g-03010 g-03430 w-01420	E 6.3	Perognathus	02020	21.5	♂	m	scrotal	x		x		
	E 6.7	Perognathus	03130	Recap				x		x		
	E 6.7	P. calif.	1588	26.5	Recap				x		x	
	E 7	P. b.	02322	Recap				x		x		escaped out
	E 7	P. calif.	1183	37.5	Recap				x		x	
	E 7.3	P. b.	03002	Recap					x		x	
	E 8	P. calif.	1235	36.5					x		x	
	E 8.3	N. fuscipes	1659	Recap				x		x		
	E 8.5	P. calif.	1783	39	Recap			x		x		
	E 8.7	P. calif.	1558	40.5	Recap		Perb	x		x		
21 (48-11)=37	E 8.7	P. calif.	1551	36.5	Recap				x		x	
	E 11	P. b.	01022	Recap					x		x	
	W 13	P. b.	03230	Recap					x		x	
	W 11	P. b.	01030	Recap				x		x		
	W 9	P. b.	01302	Recap				x		x		
	W 9	P. b.	01442	Recap					x		x	
	W 8	P. b.	03242	Recap				x		x		
	W 6	N. fuscipes	1649	Recap				x		x		
	W 5.5	P. calif.	1679	28	♀	Sub	null	x		x		
	W 5	Perognathus	0130	Recap				x		x		
closed III Success = 13/37	W 4.5	P. b.	02232	Recap				x		x		
	W 4.5	Perognathus	02100	Recap					x		x	



PURPLE, DD  
1989

Journal - Drift Fence

Hastings Reservation, Monterey Co., Calif

GRID RC drift fence

	St	Spp	No	WT	Sex	Age	Bridg	Caught		Released		
								1st	OUT	1st	OUT	
July 11	W4	P.b.	01232	RECAP				x		x		
	W3	P.b	04101	RECAP				x		x		
	W1	Pb	02012	23.5	♂	m	scrotal	x				
July 12	E-1	Pb	0412	34	♂	m	scrotal	x		x		
	E-1	Pb	02422	RECAP					x		x	
22 312	E-1.5	Pb	03032	"					x		x	
	E-2	Pb	03312	21	♂	m	TND		x		x	coll trail
03210 closed-TM 1111	E-3	Pb	03142	RECAP					x		x	
	E-4	Pb	0302	22	♀	m	up, parous		x		x	
03010	E-4.5	N. buscupes	1059	RECAP				x		x		
	E-4.5	Pb	0212	"					x		x	
03430	E-5	P. californicus	1599	26.5	RECAP				x		x	
	E-5.5	P. californicus	02400	RECAP					x		x	
03420	E-6	P. californicus	03200	"				x		x		
	E-6	Pb	03141	"					x		x	
	E-6.5	P. californicus	03130	"				x		x		
	E-7	Pb	02002	"				x		x		
	E-7	Pb	02322	"					x		x	
	E-8	P. californicus	1235	36	RECAP				x		x	
Success = 22/39	E-8.3	P. californicus	1551	39	"				x		x	
	E-8.3	P. californicus	1183	40	"		up	x		x		
	E-8.5	P. californicus	1783	39	"				x		x	
	E-8.5	P. californicus	1559	41	"		up	x		x		
	E-11	Pb	01022	RECAP					x		x	lost too # 0480
	E-11	Pb	02132	"				x		x		
	W-10	Pb	03302	"				x		x		
	W-9	Pb	01502	"				x		x		
	W-9	P. californicus	03000	"					x		x	
	W-8.5	Pb	01030	"					x		x	
	W-8.5	Pb	01442	"				x		x		long idios
	W-6	P. californicus	1679	"		28.58			x		x	
	W-6	N. buscupes	1049	"				x		x		
	W-5.7	Pb	03242	"				x		x		
	W-5.3	P. californicus	02100	"					x		x	
	W-4.7	Pb	02232					x		x		
closed-1111 18/34	W-4.7	P. californicus	0130						x		x	
	W-4	Pb	01432	RECAP					x		x	
	W-3.7	Pb	04101	RECAP				x		x		
	W-2	N. buscupes	1617	215	♀	m	Imp, par		x		x	caught by tail
	W-2	N. buscupes	01222	27	♀	m	up, parous		x		x	
	W-3	Pb	01232	RECAP				x		x		
	W-2.5	P. californicus	42	1421	♀	m	up, parous	x		x		
	W-1.5	Pb	03212	RECAP					x		x	
July 13	E-1	Pb	2422	RECAP				x		x		
	E-1.5	Pb	0412	RECAP					x		x	
	E-1.5	P. b.	03032	RECAP				x		x		
	E-2	Pb	03312	RECAP					x		x	



RIBBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DR drift fence

	St	Spp	NO	WT	Sex	Age	Body	Caught in out	Released in out
July 13 closed 11	E-3	N. fuscipes	1657	RECAP				X	X
	E 3.5	P.b.	03142	RECAP				X	X
	E 4.5	P. calif.	1678	29	RECAP			X	X
	E 4.5	Perognathus	03200	RECAP				X	X
	E 5.3	P. b.	0212	RECAP				X	X
27/ 46	E 5.5	P. calif.	1588	36.5	RECAP			X	X
	E 6.5	P. b.	02002	RECAP				X	X
	E 6.7	Perognathus	03130	RECAP				X	X
	E 7	P. b.	02322	RECAP				X	X
	E 7.1	P. b.	03202	23	♂	M	Scrotal	X	X
	E 7.1	P. b.	03141	RECAP				X	X
	E 7.7	P. b. calif.	1183	37	RECAP			X	X
	E 8	N. fuscipes	1659	RECAP				X	X
	E 8	P. calif.	1551	38	RECAP		Perf.	X	X
	E 8.3	P. calif.	1783	39.5	RECAP			X	X
	E 8.3	P. calif.	1572	40.5	RECAP			X	X
	E 8.7	P. calif.	1558	42.5	RECAP			X	X
	E 8.7	P. calif.	1235	36.5	RECAP			X	X
	E 10	P. b.	0202	RECAP				X	X
	E 11	P. b.	02132	RECAP				X	X
closed 11	E 11	P. b.	01022	RECAP				X	X
	W 13	P. b.	02400	27	♂	M	Scrotal	X	X
	W 12	Perognathus	03050	RECAP				X	X
	W 9	P. b.	01442	RECAP				X	X
	W 8	Perognathus	03210	26.5	♂	EM	TND	X	X
13/ 34	W 6	P. b. calif.	1679	27	RECAP			X	X
	W 5.5	Perognathus	02100	RECAP				X	X
	W 5.5	P. b.	01432	RECAP				X	X
	W 4.5	P. b.	04101	RECAP				X	X
	W 4	P. b.	02232	11				X	X
	W 4	P. b.	03042	RECAP				X	X
	W 3.7	Perognathus	0130	11				X	X
	W 3	S. neucheyi	—					X	X
	W 2.5	P. b.	01232	RECAP				X	X
July 14	Start over weighing animals ↓ ↓								
03322	E-1	Pb	0412	23.5	♂	M	Scrotal	X	X
	E-1	Pb	0402	26.5	♂	M	Scrotal	X	X
-03220	E-1.5	Pb	03312	18.5	♂	EM	TND	X	X
	E-1.5	Pb	02422	19	♀	SAD	nullip	X	X
-03011	E-4	N. fuscipes	1659	120	♀	SAD	nullip	X	X
	E-5.5	Pb	0212	23	♀	M	imp, parous	X	X
03430	E-5.7	Perognathus	03200	21.5	♂	SAD	TND	X	X
	E-5.7	Pb	03142	19	♂	EMat	TND	X	X
	E-6	Pb	03141	23.5	♂	M	Scrotal	X	X
	E-6.5	Pb	02002	27	♀	M	imp, parous	X	X
-01420	E-7	P. californicus	1588	26	♂	SAD	TND	X	X
	E-7.5	P. californicus	1678	29.5	♀	SAD	imp, nullip	X	X
	E-7.5	Perognathus	03130	19	♀	Im	imp, nullip	X	X



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KIBBLE, D.D.  
1989

JOURNAL - Drift Fence

Hastings Reservation, Monterey Co., Calif

GRIP DR drift fence

	St	Spp	No	WT	Sex	Age	Ridge	Caught		Released	
								in	out	in	out
July 14 (Sat)	E-8	P. californicus	1572	39	♀	M	up, parous		X		X
	E-8.3	P. californicus	1235	36	♂	M	scrotal		X		X
	E-8.3	P. californicus	1183	36	♀	M	up, parous	X		X	
	E-8.5	P. californicus	1783	38	♂	M	scrotal		X		X
	E-8.5	P. californicus	1558	41	♀	M	up, parous	X		X	
21' 48"	E-8.7	P. californicus	1551	38	♀	M	up, parous		X		X
	E-11	Pb	0302	21.5	♀	M	up, parous	X		X	
	E-11	Pb	01022	21	♂	M	scrotal		X		X
	W-12	Pb	02480	27	♂	M	scrotal		X		X
	W-12	Pb	01442	22	♀	M	up, parous		X		X
	W-12	Pb	02442	19	♂	EM	TND	X		X	
closed N	W-8.5	S. beecheyi	Did not TAG						X		X
	W-8.5	Pb	1302	22	♂	M	scrotal	X		X	
	W-6	P. californicus	20169	28	♀	SAD	up, parous		X		X
	W-6	N. hesperis	20169	160	♂	EM	TND	X		X	
	W-5.6	Pb	02412	20	♂	EM	TND		X		X
21' 35"	W-5	Perognathus	02100	20	♀	M	up, parous	X		X	
	W-5	Perognathus	0130	23	♂	M	scrotal		X		X
	W-4.5	Pb	02232	16	♀	ESAD	multip	X		X	
	W-4.3	Pb	03242	21	♂	M	scrotal		X		X
	W-4.3	Pb	01232	23	♂	M	scrotal	X		X	
	W-4	Pb	01432	26	♂	M	scrotal		X		X
	W-3	P. californicus	1421	41	♀	M	up, parous	X		X	
	W-2.5	P. californicus	04161	23	♀	M	up, parous	X		X	
	W-2.5	P. californicus	01222	26	♀	M	up, parous		X		X
	W-2	N. hesperis	1670	200	♀	M	Imp. par.	X		X	
July 15	Taps left closed blocking passageways										
	E-1	P.b.	04120					X		X	
July 16	E-1	P.b.	02422						X		X
	E-1.5	P.b.	03312						X		X
0322	E-2	P.b.	03037	24.0	♀	M	Imp. parous		X		X
	E-4	P.b.	03042	18.0	♂	LSAD	TND		X		X
0720	E-5.3	P. calif.	1572	40.5		RECAP			X		X
	E-5.5	P.b.	0212			RECAP			X		X
	E-6.3	Perognathus	03000	23.0	♂	SAD	TND	X		X	
	E-6.7	Perognathus	3130			RECAP		X		X	
15-1530	E-7	P. calif.	1678	28.0		RECAP			X		X
	E-7.2	P.b.	02002	27.0	♀	M	Imp. parous	X		X	
-01420	E-7.2	P.b.	03141			RECAP			X		X
	E-7.5	Neotoma	1659	25	♀	SAD	Imp. multip	X		X	
	E-8	P. calif.	1551	39.0		RECAP			X		X
	E-8.3	P. calif.	1783	42.0		RECAP		X		X	
	E-8.3	P. calif.	1588	26.5		RECAP			X		X
	E-12	P.b.	01022			RECAP			X		X
closed N	W-12	P.b.	01030	24.0	♂	M	scrotal		X		X
	W-10	Perognathus	03100	18.0	♀	SAD	Parf	X		X	
	W-9	P.b.	01302			RECAP		X		X	
	W-8.5	P.b.	02442			RECAP			X		X
	W-8.5	P.b.	01442			RECAP		X		X	
	W-7.5	P.b.	03302	19.0	♂	EM	TND		X		X



LIBBIE, D.O.  
1999

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID RC drift fence

	St	Spp	No	WT	Sex	Age	Bridg	Caught		Released	
								in	out	in	out
July 16	W-6	N. fuscipes	1649	RECAP				x		x	
	W-5.5	Perognathus	0130	RECAP				x		x	
	W-5.5	Perognathus	02100	RECAP					x		x
	W-4.5	P.b.	02232	RECAP				x		x	
	W-4	P. calif.	1679	28.5	RECAP				x		x
	W-3.5	P.b.	01232	RECAP				x		x	
	W-3	P.b.	04101	RECAP				x		x	
	W-2.5	P.b.	01222	RECAP					x		x
	W-2.5	P. calif.	1421	43.0	RECAP			x		x	
	W-1.5	P.b.	0310	24.0	♂	M	scrotal		x		x
	W-1	P.b.	03212	17.5	♂	EM	TWD		x		x
	Start over weighing animals										
July 19	E-2	Perognathus	02400	26	♂	M	scrotal		x		x
	E-3	Pb	03142	18.5	♂	SAD	TWD		x		x
	E-5.2	P. californicus	1588	27	♂	SAD	TWD		x		x
	E-5.5	Pb	0212	22.5	♀	M	up, pious		x		x
	E-6.8	Perognathus	03130	18	♀	M	up, nullip	x		x	
	E-7.2	Pb	03141	25	♂	M	scrotal		x		x
	E-8	P. californicus	1551	30	♀	M	up, pious		x		x
	E-8.3	N. fuscipes	1659	120	♀	SAD	nullip	x		x	
	E-8.3	P. californicus	1783	40.5	♂	M	scrotal		x		x
	E-8.5	P. californicus	1183	41.5	♀	M	up, pious	x		x	
	E-12	Pb	01422	23.5	♂	M	scrotal		x		x
	W-9	Pb	01302	23.5	♂	M	scrotal	x		x	
	W-8.5	Perognathus	03000	19	♀	M	nullip		x		x
	W-8.5	Pb	01442	23	♀	M	up, pious	x		x	
	W-8.7	P. californicus	305	1679 30.5	♀	SAD	up, nullip	x		x	
	W-6.5	Pb	03242	23	♂	M	scrotal	x		x	
	W-6	N. fuscipes	1649	155	♂	EM	TWD	x		x	
July 19	W-4.7	Pb	02232	16	♀	SAD	nullip	x		x	
	W-4.5	Pb	01232	23	♂	M	scrotal	x		x	
	W-4	Perognathus	03300	23.5	♂	M	scrotal	x		x	
	W-3	Pb	04101	22	♀	M	up, pious	x		x	
	W-3	Perognathus	02100	21	♀	M	up, pious		x		x
	E-1	Pb	0462	26	♂	M	scrotal	x		x	
	E-1.5	Pb	03312	21	♂	EM	TWD		x		x
	E-3.5	Pb	03142	RECAP					x		x
	E-5	P. californicus	1678	30	♀	SAD	up, nullip		x		x
	E-5.3	Pb	03141	RECAP					x		x
July 19	E-5.5	Pb	0212	11					x		x
	E-7	P. californicus	1588	27g	RECAP			x		x	
	E-7.2	Pb	02002	27	♀	M	up, pious		x		x
	E-7.2	Perognathus	03130	18.5	RECAP			x		x	
	E-7.6	P. californicus	1551	39	RECAP				x		x
	E-8	P. californicus	1183	39	RECAP				x		x
	E-8.3	P. californicus	1783	40.5	"				x		x
	E-8.3	N. fuscipes	1659	RECAP				x		x	
July 19	E-12	Pb	01422	RECAP				x		x	



RIBBLE, D.O.  
1989

~~DISPERSED DATA~~  
JOURNAL - DRIFT FENCES

Hastings Reservation, Monterey Co., Calif

GRID RC drift fence

Caught Released

	St	Sp	Nb	WT	Sex	Age	Bdy	IN	OUT	IN	OUT
								Comments			
July 19 (cont)	W-10	Perognathus	03000	RECAP					X		X
	W-9	Pb	01302	"					X		X
	W-9	Pb	01030	24.5	♂	M	scrotal		X		X
	W-8.5	Pb	01442	RECAP					X		X
	W-6.5	Pb	03242	RECAP					X		X
	W-6	N. fuscipes	11649	"					X		X
	W-5.5	Perognathus	02100	"					X		X
	W-4.7	Pb	02232	"					X		X
	W-4	Pb	01232	"					X		X
	W-3	Pb	04101	"					X		X
closed-1	W-2.5	Perognathus	03120	116.5	♀	ESAD	imp, nullip		X		X
	E-1	Pb	0402	RECAP					X		X
	E-1.5	Pb	03312	"					X		X
	E-3.5	Pb	03142	"					X		X
	E-4	Pb	03032	24	♀	M	imp, parous		X		X
	E-5	P. californicus	1588	27.5	RECAP				X		X
	E-5.2	Pb	0212	RECAP					X		X
	E-5.5	Pb	03141	"					X		X
	E-6	Perognathus	03130	"					X		X
	E-6.5	Perognathus	03200	24.5	♂	M	TND		X		X
closed-1	E-7	P. californicus	11670	29.5	RECAP				X		X
	E-7.2	Pb	03202	22	♂	M	scrotal		X		X
	E-7.2	Pb	02802	RECAP					X		X
	E-7.8	N. fuscipes	11652	4					X		X
	E-7.8	Pb	0302	24	♀	M	imp, parous		X		X
	E-8	P. californicus	1551	38.5	RECAP				X		X
	E-8.3	P. californicus	1793	41	RECAP				X		X
	E-8.3	P. californicus	1193	39	"				X		X
	E-8.5	P. californicus	1550	42	♀	M	imp, parous		X		X
	E-10	Pb	02132	22	♂	M	TND (close)		X		X
closed-1	E-11	Pb	01422	RECAP					X		X
	W-12	Pb	03230	24.5	♀	M	imp, parous		X		X
	W-10	Perognathus	03000	RECAP	♀				X		X
	W-9	Pb	01302	"					X		X
	W-9	Pb	01030	"					X		X
	W-8.5	Pb	01442	"					X		X
	W-8	Perognathus	03210	28	♂	SM	TND		X		X
	W-6.5	N. fuscipes	11649	RECAP					X		X
	W-5	Perognathus	03300	"					X		X
	W-4.5	Perognathus	02100	"					X		X
closed-1	W-4.5	Pb	01432	25.5	♂	M	scrotal		X		X
	W-4	Pb	02232	RECAP					X		X
	W-3.5	Pb	01232	"					X		X
	W-3	P. californicus	11679	33	RECAP				X		X
	W-2.5	Pb	03212	17.5	♀	SM	imp, nullip		X		X
	W-1	Pb	0310	23	♂	M	scrotal		X		X
	July 21	E-1	Pb	0402	RECAP				X		X
		E-1.5	Pb	03312	"				X		X
									X		X
									X		X

success = 11/40

20/47

15/39



RIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DC Drift fence

	St	Spp	No	Wt	Sex	Age	Bridg	Caught		Released	
								IN	OUT	IN	OUT
July 21 (cont)	E-4	P. b.	03122	22	♀	Em	Imp, par		X		X
	E4.5	P. b.	03032	RECAP					X		X
closed 1	E 5	Perognathus	02400	25.5	♂	m	scrotal	X		X	
	E 5.5	Perognathus	03130	RECAP				X		X	
	E 5.5	P. b.	03141	"					X		X
	E 5.7	P. b.	03142	"					X		X
cond = 16/47 (N)	E 6.5	Perognathus	03200	"				X	X		
	E 6.5	P. b.	03332	13.5	♀	Imm	Null		X		X
	E 7	P. californicus	1588	26.5				X		X	
	E 7.2	P. b.	02002	RECAP				X		X	
	E 7.7	N. fuscipes	1652	"				X		X	
	E 7.9	P. calif.	1551	37.5		RECAP			X		X
	E 8	P. calif.	1183	37.5	"			X		X	
	E 8	P. calif.	1783	39.5	"				X		X
	E 8.7	P. calif.	1558	44.5	"		Perf.	X		X	
	E 11	P. b.	01422	"	"			X		X	
	W 13	P. b.	02400	25	♂	m	scrotal		X		X
	W 9	P. b.	01302	RECAP				X		X	
success = 13/39	W 9	Perognathus	0130	22.5	♂	m	scrotal		X		X
	W 8	P. b.	01442	RECAP				X		X	
	W 8	P. b.	02442	20	♂	m	TND		X		X
	W 7.5	Perognathus	03000	RECAP	♀			X		X	
	W 6.5	P. b.	04101	"				X		X	
	W 4.5	Perognathus	03140	22.5	♂	Sad	TND		X		X
closed 1	W 4	P. b.	02232	RECAP				X		X	
	W 3.7	Perognathus	02100	"				X		X	
	W 3	P. californicus	1679	30		RECAP		X		X	
	W 3	Perognathus	03120	"	"				X		X
	W 1.5	P. b.	01222	25.5	♀	m	Imp, par		X		X
	W-1	Pb	03212	RECAP					X		X
July 22 closed-1/1	W-3	P. californicus	1679	30.5		RECAP			X		X
	W-3	Pb	04101	RECAP				X		X	
	W-3.8	Pb	01232	"				X		X	
	W-4	Pb	02232	"				X		X	
success = 15/37	W-4.5	Perognathus	02100	"					X		X
	W-4.5	Perognathus	03140	"				X		X	
	W-5.2	Perognathus	0130		♂	m	scrotal	X	X	X	X
	W-6	N. fuscipes	1042	RECAP				X		X	
	W-7	Perognathus	03300	"				X		X	
	W-8	Perognathus	03000	"					X		X
	W-8.5	Pb	02442	"				X		X	
	W-9	Pb	01302	"				X		X	
	W-10	Pb	01442	"				X		X	
	W-12	Pb	03230	"					X		X
	E-1	Pb	0402	"				X		X	
	E-1.5	Pb	03312	"					X		X
	E-2	Pb	0342	"					X		X
	E-4	Pb	03032	"					X		X
	E-5.2	Perognathus	02400	"				X		X	



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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif  
GRID DC drift fence

July 25

Success = 24/48

St	Spp	No	Wt	Sex	Age	Bdy	Caught		Released	
							IN	OUT	IN	OUT
W10	Perognathus	03000	RECAP				x		x	
W12	P.b.	01030	"					x		x
E1	P.b.	0402	"				x		x	
E1	P.b.	02422	19	♀	LSad	Imp, null		x		x
E1.5	P.b.	03032	RECAP					x		x
E3.5	P.b.	03142	"					x		x
E4.5	P.b.	0212	"					x		x
E5.3	Perognathus	02400	25	♂	m	scrotal	x		x	
(N) E5.5	N. fuscipes	1772	190	♀	m	Imp, par		x		x
E6.5	Perognathus	02000	22.5	♂	m	scrotal	x		x	
E6.5	P.b.	03332	RECAP					x		x
E6.7	P.b.	03141	"					x		x
E6.8	Perognathus	03130	"				x		x	
E6.8	P. Calif.	1678	29	RECAP				x		x
E7	P.b.	02322	"				x		x	
E7	P. Calif.	1588	26.5	"				x		x
E7.2	Perognathus P.b	02002	28.5	♀	m	Imp, par	x		x	
E7.2	P.b.	03202	RECAP					x		x
E8	P. Calif.	1558	41.5	RECAP		Perf.		x		x
E8.3	N. fuscipes	1659	"			Perf.	x		x	
E8.3	P. Calif.	1551	35	"		Perf.		x		x
E8.5	P. Calif.	1783	38.5	"				x		x
E8.5	P. Calif.	1183	39	"			x		x	
(N) E8.7	R. megalotis	03440	5	♂	EM	TND		x		x
E11	P.b.	0362	RECAP					x	x	wrong release
E11	P.b.	02132	25.5	♂	m	scrotal	x		x	
July 26	W-1	Pb	03212	RECAP				x		x
closed - IIII	W-2.5	P. californicus	1421	43	♀	M	[Exemplary] !!	x		x
03342	W-2.5	Pb	01222	RECAP				x		x
03402	W-3	D. californicus	1679	27.5	RECAP		x		x	
03420	W-3.7	Pb	02232	RECAP				x		x
(N) W-4	Pb	01232	"				x		x	
W-03010	W-4	Pb	03342	16.5	♀	SAD	up, nullp	x		x
03410	W-4.5	Pb	0130	RECAP			x		x	
03440	W-4.5	Pb	01432	24.5	♂	M	scrotal	x		x
W-01420	W-5	Perognathus	04101	RECAP			x		x	
	W-5.5	Perognathus	03360	"			x		x	
	W-5.5	Perognathus	02100	"				x		x
Success = 22/36	W-5.8	Pb	02412	20	♂	EM	TND	x		x
	W-6	N. fuscipes	1649	RECAP			x		x	
	W-8	Pb	01442	"			x		x	
(N) W-8.5	Perognathus	03000	"					x		x
	Pb	03004	22	♂	M	TND	x		x	#04 naked to
	W-9	Pb	01030	RECAP				x		x
	Pb	01302	"				x		x	
	W-10	Perognathus	02430	"			x		x	
	W-11	Pb	03302	"				x		x
	W-12	Pb	03230	24	♀	M	up, parous	x		x



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Hastings Reservation, Monterey Co., Calif

GRID 22

	St	Spp	No	WT	Sex	Age	Bdgs	Caught		Released	
								W	OUT	W	OUT
July 22	E-5.5	P. californicus	1588	26.5	Recap				X		X
	E-6.5	Pb	03332	Recap					X		X
(cont)	E-7	Perognathus	03130	"				X	X	X	X
	E-7	P. californicus	1678	30.5	Recap			X	X	X	X
17/48	E-7.3	Pb	02002	Recap					X		X
	E-7.9	N. fuscipes	1652	"				X		X	
	E-8.3	P. californicus	1783	40	Recap			X		X	
	E-8.3	P. californicus	1551	37	"				X		X
	E-8.5	P. californicus	44/1558	44	Q	M	up, parous	X		X	recd
	E-10	P. californicus	1183	38.5 years	Recap			X		X	
	E-11	P. boylii	0302	22.5	Q	M	up, parous		X		X
	E-11	Pb	1322	Recap				X		X	
Start over measuring animals &											
July 23	W1	P. b.	01222	24.5	Q	m	Imp, par		X		X
	W2.5	P. b.	0310	23	Q	m	Scrotal		X		X
	W2.5	P. b.	02012	22	Q	m	scrotal	X		X	
	W3	Pb.	04101	21.5	Q	m	Imp, par		X		X
	W3	P. californicus	1679	29.5	Q	Sad	Imp, null	X		X	
	W3.7	Perognathus	02100	21.5	Q	m	Perf, par	X		X	
closed 1	W4	P. b.	01232	24	Q	m	Scrotal	X		X	
	W4.5	P. b.	02232	16.5	Q	Sad	Imp, null	X		X	
Success = 16/39	W5	Perognathus	0130	22	Q	m	Scrotal	X		X	
	W5.3	R. megalotis	03430	5	Q	Imm	null	X		X	
-03342	W6	N. fuscipes	1649	170	Q	Em	TND close	X		X	
	W6.5	P. b.	03242	23.5	Q	m	Scrotal	X		X	
-03340	W8	P. b.	01442	23.5	Q	m	Imp, par	X		X	
	W8	P. b.	02442	19	Q	Em	TND		X		X
-03400	W9	P. b.	01302	22.5	Q	m	scrotal	X		X	
	W10	Perognathus	03000	19.5	Q	Sad	Imp, null	X		X	
-03010	E1	P. b.	0402	24.5	Q	m	Scrotal barely	X			
	E1.5	P. b.	03312	19.5	Q	Em	TND		X		X
-03440	E2	P. b.	03032	23	Q	m	Imp, par		X		X
	E3.7	P. b.	03142	18.5	Q	Em	TND		X		X
-01420	E3.7	P. b.	0412	24.5	Q	m	Scrotal	X		X	
	E4	P. b.	0212	22	Q	Imm	Imp, par		X		X
Success = 21/48	E5.3	Pb.	03332	14	Q	Imm	Imp, null		X		X
	E5.3	Perognathus	03000	24.5	Q	m	TND	X		X	
	E6.5	P. b.	03141	23	Q	m	Scrotal		X		X
	E6.7	Perognathus	03130	19.5	Q	Sad	Imp, null		X		X
	E7	P. calif.	1588	26	Q	Sad	TND	X		X	
	E7	Perognathus	03340	14	Q	Imm	TND		X		X
(N)	E7.2	P. b.	03202	21.5	Q	m	scrotal	X		X	
	E7.7	P. calif.	1678	29.5	Q	Sad	null		X		X
	E7.7	N. fuscipes	1659	120	Q	Sad	Imp, null	X		X	
	E8	P. calif.	1558	44	Q	m	Perf, par		X		X
	E8	P. calif.	1183	37.5	Q	m	Imp, par	X		X	
	E8.3	P. calif.	1551	36	Q	m	Semi-perf, par		X		X
	E8.3	P. calif.	1783	37.5	Q	m	Scrotal	X		X	
	E11	Pb	0302	20	Q	m	Imp, par	X		X	
	E11	P. b.	01322	22	Q	m	scrotal		X		X





Hand

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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID PC drift fence

	St	Spp	No	Wt	Sex	Age	Body	Caught		Released		
								IN	OUT	IN	OUT	
July 26 (cont)	E-1	Pb	0402	Recap					X		X	
		Pb	02422	"				X		X		
	E-1.5	Pb	03032	"					X		X	broken toe # 01000
	E-2	Pb	03312	"					X		X	
	E-3	N. fuscipes	1657	27.5	♀	IM	up, paws		X		X	
	E-4.35	Pb	03122	22.5	♀	IM	up, paws		X		X	
	E-4.4	Pb	03142	Recap					X		X	
		P. californicus	1678	29				X		X		
	E-5.2	Pb	03332	Recap					X		X	
	E-5.9	Perognathus	02400	"				X		X		
		Pb	03141	"					X		X	
	E-6.2	Perognathus	03400(2)	"				X		X		lost toe # 02
		Pb	0212	"					X		X	
	E-6.5	Perognathus	03130	"					X		X	
25/ 149	E-6.8	Perognathus	03200	"				X		X		
	E-7	Pb	02322	"				X		X		
	E-7.2	Pb	03202	"				X		X		
		Pb	02002	"					X		X	
	E-7.8	P. californicus	1588	27	Recap				X		X	
	E-8	P. californicus	1572	41					X	X	X	photographed
	E-8.3	N. fuscipes	1657	Recap				X		X		
	E-8.3	P. californicus	1551	35.5	Recap				X		X	
	E-8.5	P. californicus	1183	38.5	Recap				X		X	
		P. californicus	1783	38.5	"			X		X		
	E-11	Pb	0302	Recap					X		X	
July 27-29 Traps left closed, blocking runways.												
closed - July 29	W-1	Perog.	03120	29.5	♀	EM	mullip		X		X	
		Pb	0310	23	♂	IM	scrotal	X		X		
-03402	W-1.5	Pb	01232	24	♂	IM	scrotal	X		X		
		Pb	01222	25	♀	IM	up, paws		X		X	
-03420	W-2	Pb	03212	18	♂	SAD	TWD	X		X		
		Pb	04101	24	♀	IM	up, paws	X		X		
us - 03010	W-2.5	Perognathus	03140	20	♂	IM	TWD		X		X	
		Pb	02232	16.5	♀	ESAD	mullip	X		X		
g - 03410	W-3	P. californicus	020	47	♀	IM	lost		X	X		Distal BK 0145
	W-3.7	Perog.	03300	21.5	♂	IM	TWD	X		X		
WL - 01420	W-4	Pb	03342	16.5	♀	SAD	mullip		X		X	
		P. calif	1672	32	♀	SAD	mullip	X		X		10-1672
	W-4.5	Perog.	02430	21	♂	IM	TWD		X		X	
		Pb	01432	26	♂	IM	scrotal	X		X		
Success = 22/ 39	W-5.5	Perog.	02100	21.5	♀	IM	up, paws		X		X	
	W-6	Perog.	0150	24	♂	IM	scrotal		X		X	
	W-6.8	Pb	03242	24	♂	IM	scrotal	X		X		
	W-8	Perog.	03210	28	♂	IM	TWD	X		X		
	W-8.5	Pb	01442	23	♀	IM	up, paws	X		X		
		Perog.	03000	20	♀	EM	mullip		X		X	
	W-10	Pb	01302	24	♂	IM	scrotal	X		X		
	W-12	Pb	01030	23	♂	IM	scrotal		X		X	





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Journal - Drift Fence

Hastings Reservation, Monterey Co., Calif

GRID DC Drift Fence

	St	Spp.	No	WT	Sex	Age	Body	Causlot 1a/best	Released 1a/best	
July 29 (cont) (N)	E-1	Pb	02422 0402	20 24.5	♀ ♂	Em m	mullip scrotal	x x	x x	x x
	E-2	Fb	03032 03142	24 17.5	♀ ♂	m SAD	up, pious TWO	x x	x x	
	E-2.5	Pb	03402	24.5	♂	m	scrotal	x	x	
		Pb	03312	21	♂	m	TWO	x	x	
	E-3	Pb	0412	23	♂	m	scrotal	x	x	
	E-4.5	Perog	02400	210	♂	m	scrotal	x	x	
	E-5.2	P. calif	1679	29.5	♀	SAD	mullip	x	x	
		Perog	02030	23	♂	m	scrotal	x	x	
	E-5.6	Pb	0212	22.5	♀	m	up, pious	x	x	
	E-6	Perognathus	03200	24.5	♂	m	scrotal	x	x	
	E-6.5	Pb	03332	14	♀	Em	mullip	x	x	
		Pb	02327	21	♂	SAD	scrotal	x	x	
	E-6.8	P. californicus	1551	39.5	♀	m	up, pious	x	x	
	E-7	Pb	03202	21	♂	m	scrotal (body)	x	x	
Cloud-11			03141	24	♂	m	scrotal (body)	x	x	
	E-7.2	Pb	02002	27	♀	m	up, pious	x	x	pus?
	E-7.8	N. fuscipes	11059	140	♀	SAD	mullip	x	x	
	E-8	P. calif	1550	42.5	♀	m	up, pious	x	x	
			1103	30	♀			x	x	
	E-8.3	P. calif	1500	27	♂	SAD	TWO	x	x	
			1123170	40	♂	m	scrotal	x	x	
	E-8.5	P. calif	1559	44	♀	m	up, pious	x	x	
	E-9.5	P. calif	03130	19	♀	Em	mullip	x	x	
	E-10	Pb	0302	20	♀	m	up, pious	x	x	
	E-11	Pb	0103422	24.5	♂	m	scrotal	x	x	
								x	x	
								x	x	
								x	x	
July 30 Cloud-THH 17H1 -03412 -03420 -03410 -03410 -03420 Success = 18/29 (N)	W-1	Perognathus	03120	Recap				x	x	
	W-1.5	Pb	01222	"				x	x	
	W-2.5	P. calif	020	48	Recap		fact	x	x	
		Pb	04101	Recap				x	x	
	W-3	Perognathus	03140	"				x	x	
		Pb	01232	"				x	x	
	W-3.7	P. calif	1760	19	♂	Em	TWO	x	x	Carved & Orange
	W-4	Pb	02232	Recap				x	x	
	W-4.5	P. calif	11079	30.5	♀	SAD	null	x	x	
	W-5	Pb	1432	Recap				x	x	
	W-5.5	Perog	02100	"				x	x	
	W-6	N. fuscipes	11049	17.5	♂	m	TWO	x	x	
	W-6.3	Perog	0130	Recap				x	x	
	W-6.6	Pb	02042	20	♂	Em	TWO	x	x	2042
	W-7.8	T. m. calif	03410	9.5	♀	m	up, mullip?	x	x	
		Pb	01442	Recap				x	x	
	W-8	Perog	03060	"				x	x	
	W-9	Pb	01302	"				x	x	
	E-1	Pb	0402	"				x	x	
	E-1.5	Pb	03312	"				x	x	
	E-2	Pb	02442	"				x	x	
			03032	"				x	x	



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Journal - Drift Fence

Hastings Reservation, Monterey Co., Calif

GRID DC drift fence

	St	Sp	No	wt	Sex	Age	Bdy	Caught		Released	
								in	out	in	out
July 30 (cont) closed - 1	E-3	N. fuscipes	11657	27.5	♀	IM	up, paws		X		X
	E-3.5	Perog Pb	02400	Recap				X		X	
	E-4.5	Pb Perog	03142	"					X		X
	E-5	Pb P. calif.	02322	"				X		X	
	E-5.5	P. calif.	03400	23.5	♂	IM	TWD		X		X
Success = 27/47	E-5.7	P. calif.	11678	30	♀	SAD	Imp. mullip		X		X
	E-6.5	Pb	03332	Recap					X		X
	E-6.8	Pb	0212	"					X		X
	E-7.2	Pb	03200	"				X		X	
	E-7.8	P. calif.	03202	"				X		X	
	E-8	P. calif.	02002	61					X		X
	E-8.3	P. calif.	03141	"					X		X
	E-8.5	P. calif.	1508	28	Recap				X		X
	E-8.7	P. calif.	1558	43	"				X		X
	E-9	N. fuscipes	11659	Recap				X		X	
	E-9.3	P. calif.	1559	41	♀	IM	up, paws		X		X
	E-9.5	P. calif.	1551	38	Recap				X		X
	E-9.7	P. calif.	03130	Recap				X		X	
	E-10	P. calif.	1730	40.5					X		X
	E-11	Pb	03132	24	♂	IM	TWD	X		X	
July 31 @ closed - 1	W-1	Pb	1183	38	Recap			X		X	
	W-1.5	Pb	0302	Recap					X		X
	W-2	P. calif.	013422	"				X		X	
	W-2.5	P. calif.	02242	23	♂	IM	scrotal	X		X	
	W-3	P. calif.	03412	18	♂	SAD	TWD	X		X	
	W-3.5	P. calif.	03120	Recap					X		X
	W-4	P. calif.	1421	42	♀	IM	fact!	X		X	
	W-4.5	P. calif.	01432	Recap					X		X
	W-5	P. calif.	11074	24.5	Recap			X		X	
	W-5.5	P. calif.	01232	Recap				X		X	
	W-6	P. calif.	0130	"					X		X
	W-6.5	P. calif.	02232	"				X		X	
	W-7	P. calif.	02430	"					X		X
	W-7.5	P. calif.	04101	"				X		X	
	W-8	P. calif.	02100	"					X		X
	W-8.5	N. fuscipes	1644	"				X		X	
	W-9	Pb	03004	23	♂	IM	TWD	X		X	
	W-9.5	P. calif.	03210	Recap					X		X
	W-10	Pb	01442	"				X		X	
	W-11	Pb	01302	"					X		X
	W-12	P. calif.	03000	"				X		X	
	W-13	Pb	01030	"					X		X
	W-14	Pb	02422	"				X		X	
	W-15	Pb	03032	"					X		X
	W-16	Pb	0412	"				X		X	
	W-17	Pb	0402	"					X		X
	W-18	Pb	03312	"					X		X
	W-19	N. fuscipes	11657	"					X		X
	W-20	Pb	03142	"					X		X



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# Journal - Drift Fence

Hastings Reservation, Monterey Co., Calif

GRID DC Drift Fence

	St	Spd	No.	Wt	Sex	Age	Bdgs	Caught		Released	
								IN	OUT	IN	OUT
July 31	E 41-45	Pb	03332	Recap				X		X	
(cont)			0212	"					X		X
	W-5	P. californicus	1572	41	♀	M	up, perian	X		X	
	W-5.5	P. californicus	1678	29.5	Recap			X		X	
	W-5.7	P. californicus	1582	32.5	♂	SAD	TWD		X		X
	W-6.2	P. californicus	02400	Recap				X		X	
	W-6.8	P. californicus	1588	27.5	Recap			X		X	
Success = 30/48	W-7	P. californicus	1559	39	"				X		X
	W-7	P. californicus	1783	36.5	"				X		X
		P. californicus	03400	Recap				X		X	
	W-7.2	Pb	02322	"				X		X	
	W-7.2	Pb	03141	"					X		X
	W-7.8	Pb	02002	"					X		X
	E-8	P. californicus	1551	38	Recap				X		X
	E-8	N. fuscipes	1659		"			X		X	
	E-8.3	P. californicus	1558	44.5	"			X		X	
	E-8.3	P. californicus	03130	Recap					X		X
	E-8.5	P. californicus	1783	34.5	Recap				X		X
	E-8.5	Pb	03202	Recap				X		X	
* E-8.7	P. californicus	1427	42	♀	M	up, null		X		X	
E-10	Pb	02132	Should have weighed (M)					X		X	
E-11	Pb	0302	Recap						X		X
		013/422	"					X		X	
TRAPS closed and moved, passageways left open for a while - - -											

\* 1427 tagged 25 May 1988, 50m upstream from DC drift fence



RIBBLE, D.O.  
1988

JOURNAL-DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID DC. HELPS ONLY

	St	Spp	No	Wt	Sex	Age	Bdgs	Caught		Released		
								W	OUT	W	OUT	
Jan 11	W-10	Tanucha (N)	0422		?	M	NO		X		X	wrong #
0242	W-10	Tanucha (N)	0242		?	M	NO		X		-	
Feb 2 02220	W-10	Tanucha (N)	242		?	SAD	NO		X		X	clipped wrong #
Feb 3	W-8	Ensatus	02220		?	Imm	NO	X		X		small!
Feb 18	W-8	Tanucha (N)	02230		?	M	NO		X		X	clipped wrong #
Feb 19	W-8	Tanucha (N)	0302		?	SAD	NO		X		X	
March 2	W-10	Ensatus (N)	02240		?	M	NO	X		X		
	E-4	Ensatus (N)	02230		?	Imm	NO	X		X		
	E-6	Ensatus (N)	02310		?	SAD	NO		X		X	
	E-8	Ensatus (N)	02320		?	N	11		X		X	
March 3	W-8	Tanucha (N)	0322		?	M	NO	X		X		





RIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID MC

	St	Spp	No	WT	Sex	Age	Bdgy	Caught IN OUT	Released IN OUT	
Jan 5	W-5	P. boylii	03110	22.5	♀	M	up, parous	X		X
	W-9	P. californicus	1287	40.5	♂	M	scrotal	X		X
	(N) W-11	P. fuscipes	1403	260	♀	M	up, nullip	X		X
Jan 6	W-1	P. boylii	03110	21	♀	M	up, parous	X		X
	(N) W-9	P. boylii	0301	17	♀	M	up, nullip	X		X
	W-9	P. californicus	1287	RECAP				X		X
	W-13	P. boylii	0440	21.5	♀	M	up, nullip?		X	X
	(N) E-3	P. maniculatus	0220	14	♂	M	TWO (close)		X	X
Jan 7	(N) E-11	P. boylii	0211	19	♀	M	up, nullip		X	X
	W-1	P. boylii	03110	RECAP				X		X
	W-3	P. maniculatus	0200	13	♂	SAD	TWO		X	X
	W-9	P. californicus	1287	RECAP				X		X
	W-11	P. californicus	1381	41.5	♀	M	up, nullip	X		X
Jan 8	W-13	P. boylii	0440	RECAP					X	X
	W-9	P. californicus	1381	RECAP				X		X
	W-11	P. californicus	1287	"				X		X
	W-13	P. boylii	0440	"					X	X
Jan 9	W-5	P. californicus	1287	RECAP				X		X
	W-11	P. californicus	1381	"				X		X
	W-13	P. boylii	0440	"					X	X
Jan 10	W-9	P. californicus	1287	RECAP				X		X
	W-11	P. californicus	1381	"				X		X
	W-13	P. boylii	0440	"					X	X
W-13 - 0341	W-13	P. boylii	0440	"					X	X
W-11 - 03300 Jan 11	W-9	P. californicus	1287	30	♂	M	scrotal		X	X
	W-11	P. californicus	1381	30	♀	M	up, nullip	X		X
	W-13	P. boylii	0440	20.5	♀	M	up, parous		X	X
W-13 - 03200 Jan 12	W-5	P. boylii	03110	20	♀	M	up, nullip		X	X
	W-5	P. californicus	1287	RECAP				X		X
	W-9	P. californicus	1381	"				X		X
	(N) W-13	P. fuscipes	03240	18	♂	BM	TWO		X	X
W-13 - 0130 Jan 13	W-5	P. californicus	1287	RECAP				X		X
	W-11	P. californicus	1381	RECAP				X		X
	W-13	P. boylii	0440	"					X	X
	W-5	P. b.	03110	"					X	X
Jan 14	W-9	P. calif.	1287(200)	"					X	X
	W-9	P. calif.	1381	"				X		X
	W-13	P. b.	0440	"					X	X
	W-9	P. californicus	0200	RECAP				X		X
Jan 15	W-9	P. californicus	1381	"				X		X
	W-13	P. boylii	0440	"					X	X

closed traps & left passageways OPEN

lost ear-tag  
+ released  
+ wrong



LIBBIE, D.A.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID MC Drift Fence

	St	Spp	No	WT	Sex	Age	Bd's	CAUGHT		RELEASED	
								IN	OUT	IN	OUT
Jan 24	W-5	P. californicus	0200	38.5	♂	IM	scrotal	x		x	
	W-5	P. boylii	03110	20	♀	IM	up, nullip		x		x
	W-9	P. californicus	1301	39	♀	IM	up, nullip	x		x	
	W-13	P. boylii	02430	23	♂	IM	scrotal		x		x
Jan 25	W-5	P. boylii	03110	RECAP					x		x
	W-9	P. californicus	1301	"					x		x
	W-13	P. boylii	02430	"					x		x
Jan 26	W-5	P. boylii	03110	RECAP					x		x
	W-9	P. californicus	1301	"				x		x	
	W-9	P. californicus	0200	"					x		x
	W-11	P. boylii	04330	23.5	♀	IM	up, nullip	x		x	
	W-13	P. boylii	02430	RECAP					x		x
Jan 27	W-9	P. californicus	1301	RECAP				x		x	
	W-13	P. truei	03240	19.5	♂	EM	TWO		x		x
Jan 28	W-5	Pb	03110	RECAP					x		x
	W-5	P. californicus	0200	"				x		x	
	W-9	P. truei	03240	"					x		x
	W-13	Pb	0440	20.5	♀	IM	up, placos		x		x
Jan 29	W-1	Pb	03340	23.5	♂	IM	scrotal		x		x
	W-5	Pb	03110	RECAP					x		x
	W-9	P. californicus	0200	"					x		x
	W-9	P. californicus	1301	"				x		x	
	W-5	P. californicus	0200	"					x		x
0401 Jan 30	W-5	Pb	03110	RECAP	♀	IM	up, nullip		x		x
03320	W-9	P. californicus	1301	36	♀	IM	up, nullip		x		x
	W-11	Pb	04330	23	♀	IM	up, nullip	x		x	
01400 Dispenser	W-13	Pb	0440	20.5	♀	IM	up, placos		x		x
02000	E-11	P. californicus	1462	31	♀	SAD	up, nullip		x		x
0730 Jan 31	W-1	Pb	0221	110.5	♂	SAD	TWO	x		x	
0130	W-5	Pb	03110	RECAP					x		x
	W-9	P. californicus	1301	"				x		x	
	W-13	Pb	0440	"					x		x
	E-9	P. californicus	1462	RECAP				x		x	
Feb 1	W-1	Pb	03340	23.5	♂	IM	scrotal	x		x	
	W-9	P. truei	03310	22	♂	IM	TWO		x		x
	W-9	P. californicus	1301	33.5	♂	IM	TWO	x		x	
	W-11	P. truei	03240	20.5	♂	IM	TWO		x		x
	W-11	Pb	02430	22	♂	IM	scrotal	x		x	
Feb 2	W-13	Pb	0440	RECAP					x		x
	W-5	Perognathus	01310	23	♂	IM	scrotal		x		x
	W-9	P. truei	03310	RECAP				x		x	
	W-11	Pb	02430	"				x		x	
	W-13	Pb	0440	"				x		x	
	E-11	S. frontalis	Ref # 943	5.75	?	Mortality		x		x	



RIBBLE, D.D.  
1984

Journal - Drift Force

Hastings Reservation, Monterey Co., Calif.

GRID MC

	St	Spp	No	Wt	Sex	Age	Bdy	Caught		Released	
								in	out	in	out
Feb 3	W-5	P. californicus	0200	40	♂	m	scrotal	x		x	
	W-5	Perognathus	01310	Recap					x		x
	W-9	P. fuscus	03240	"					x		x
	W-11	Pb	02430	"				x		x	
	W-13	Pb	0440	"					x	x	
Feb 4	W-9	P. californicus	0300	Recap				x		x	went thru
	W-11	Pb	03310	"					x	x	
	W-13	Pb	0440	"					x	x	
	E-11	P. maniculatus	0230	17	♀	m	up, nullip	x		x	west thru
Closed all traps and left passageways open											
Feb 7	W-13	P. boylii	02450	23	♂	m	scrotal	x		x	
Feb 18	W-1	Pb	0221	17	♂	SAD	TWO		x		x
	W-5	Perognathus	01310	22	♂	m	scrotal		x		x
	W-9	Pb	04330	23	♀	m	up, nullip	x		x	
	W-9	P. californicus	0200	39	♂	m	scrotal		x		x
	W-13	Pb	02430	Recap				x		x	
Feb 19	W-5	Pb	0221	Recap					x		x
	W-5	Perognathus	01310	"				x		x	
	W-9	P. californicus	0200	Recap				x		x	
	W-13	Pb	02430	"				x		x	
Feb 20	W-5	P. californicus	0200	Recap				x		x	
	W-9	P. californicus	1301	48	♀	m	pregnat	x		x	Dusted Brown
Feb 21	W-5	Pb	0221	Recap					x		x
	W-13	Pb	0440	21.5	♀	m	up, nullip?		x		x
	W-13	Pb	02430	Recap				x		x	
Feb 22	W-5	Pb	03110	19.5	♀	m	up, nullip		x		x
	W-5	P. californicus	0200	Recap				x		x	
	W-9	P. californicus	1301	43.5	♀	m	lactating	x		x	Dusted Brown
	(Grave birth since Feb 20)										
Feb 22 PM	W-13	Pb	0440	Recap					x		x
	W-9	P. californicus	0200	"			Covered w/ Golden Brown	x		x	
Feb 23	W-5	Pb	03340	23.5	♂	m	scrotal	x		x	
	W-13	Pb	04330	Recap				x		x	
	W-13	Pb	0440						x		x
Start over weighing animals											
Feb 24	W-5	P. californicus	02100	35.5	♂	m	scrotal		x		x
	W-9	P. californicus	1301	44.5	♀	m	lact	x		x	
	W-13	Pb	04330	22	♀	m	up, pious	x		x	
	W-13	Pb	0440	21	♀	m	up, pious		x		x



Journal - ~~Grass Data~~  
DRIFT FENCE

GRID MC DRIFT FENCE

		St	Spp	NO	WT	Sex	Age	Ridge	Caught in box	Released in box	
Feb 25	W-5	P. californicus	0200	Recap					X	X	
	W-5	Perognathus	01310	22	♂	M	Scrotal		X	X	
	W-13	Pb	04330	Recap					X	X	
	W-13	Pb	0440	"					X	X	
	(N) E-1	Pb	0421	17	♀	L SAD	up, mullip	X	X	X	
(44) 25(Pm)	W-5	Pb	03110	20	♀	M	up, param		X	X	
	W-5	Perognathus	01310	Recap					X	X	
	U-9	Pb	04330	"					X	X	
3340											
Feb 26	W-5	Pb	03340	23.5	♂	M	Scrotal		X	X	
	W-5	P. californicus	1331	33.5	♂	M	Scrotal		X	X	
	5/H W-9	P. californicus	0200	Recap					X	X	breeding
	W-13	Pb	0440	"					X	X	
	W-13	Pb	04330	"					X	X	
Feb 27	E-1	Pb	0421	"					X	X	
	W-5	Perognathus	01310	Recap					X	X	
	W-5	P. californicus	1200	"					X	X	
	W-13	Pb	0440	"					X	X	
	E-1	Pb	0421	"					X	X	
Feb 28	W-5	Perognathus	01310	Recap					X	X	
	W-9	P. californicus	0200	"					X	X	
	W-11	P. fuscus	03310	21.5	♂	M	Scrotal		X	X	
	W-13	Pb	0440	Recap					X	X	
	E-1	Pb	0421	"					X	X	
March 1	W-5	P. californicus	0200	Recap					X	X	
	W-9	P. californicus	1301	42	♀	M	Lact		X	X	Deer
	W-11	P. fuscus	03310	Recap					X	X	Reason
	W-13	Pb	03340	23	♂	M	Scrotal		X	X	
	E-9	Pb	03410	25.5	♂	M	Scrotal		X	X	
March 2	W-5	P. californicus	0200	Recap					X	X	
	W-9	P. fuscus	03310	"					X	X	
	W-13	P. b.	03340	"					X	X	
	E-1	Pb	0421	"					X	X	
	E-11	Pb	0321	25	♂	M	Scrotal		X	X	
March 3	W-5	Pc	0200	Recap					X	X	
	W-9	Pc	1301	"					X	X	
	W-13	Pb	0440	"					X	X	
	(N) E-7	P. manic	0240	14	♂	(SAD)	Scrotal		X	X	
	(N) E-9	Pb	0431	22	♀	M	up, param		X	X	
March 4	W-5	Pb	03110	Recap					X	X	
	W-9	P. californicus	0200	"					X	X	Went through
	W-13	P. b.	03340	"					X	X	
	E-2	P. manic	0240	"					X	X	
	closed traps, passageways left open										





PIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif.

LRIP MC

	St	Spp	NO	Wt	Sex	Age	Body	Caught IN OUT	Released IN OUT	
March 11	W-9	P. californicus	0200	41	♂	m	scrotal	x	x	
	W-9	Pb	0441	20	♀	m	up, nullip	x	x	K
	W-13	Pb	04330	24.5	♀	m	up, nullip	x	x	wrong release
	W-13	Pb	0440	24.5	♀	m	up, parous	x	x	
	E-1	Pb	01001	10	♀	m	up, nullip	x	x	wanted back
01021	E-3	R. megalotis	0130	8.5	♂	m	scrotal	x	x	
03402	E-9	Pb	03410	28	♂	m	scrotal	x	x	
	~ traps closed, left blocking passageways									
01400 March 13	W-5	Pb	03340	24	♂	m	scrotal	x	x	
		P. californicus	0200	40	♂	m	scrotal	x	x	
	W-13	Pb	04330	25.5	♀	m	up, parous	x	x	
			0440	24	♀	m	up, parous	x	x	
	E-7	R. megalotis	0140	10	♂	m	scrotal	x	x	
	E-11	Pb	03410	27	♂	m	scrotal	x	x	
March 14	W-1	Pb	0221	19	♂	sm	scrotal	x	x	
	W-1	Pb	03340	Recap						
	W-5	Pb	03110	22	♀	m	up, parous	x	x	
	W-9	P. californicus	0200	Recap				x	x	
	W-11	P. truei	03310	22	♂	m	scrotal	x	x	
	W-13	Pb	0440	Recap				x	x	
			04330	"				x	x	
	E-9	Pb	03410	"				x	x	
	E-11	Pb	0111	23	♀	m	up, nullip	x	x	Same # as LRIP 01
March 15	E-9	Pb	03410	Recap				x	x	
			0111	"				x	x	
	W-1	Pb	03410	"				x	x	
	W-5	Pb	0221	"				x	x	
	W-5	Pb	0440	"				x	x	
	W-9	P. californicus	0200	"				x	x	
	W-13	Pb	04330	"				x	x	
March 16	W-9	P. californicus	0200	"				x	x	
	W-13	Pb	04330	"				x	x	
			0440	"				x	x	
	E-9	Pb	0111	"				x	x	
March 17	W-5	Pb	03110	Recap				x	x	
	W-5	Pb	0221	"				x	x	
	W-9	P. truei	03310	"				x	x	
	W-13	Pb	0440	"				x	x	
March 18	W-13	Pb	0221	12	♂	late SD	raw	x	x	
March 19	W-5	P. californicus	1301	Recap	♀	m	p-lact (w/ milk)	x	x	Dusted Brown
		Pb	04410	Recap				x	x	
	W-9	P. californicus	0200	"				x	x	
	W-11	Pb	04330	"				x	x	
	W-13	Pb	0221	"				x	x	
	E-11	Pb	03410	"				x	x	



RIBBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif.

GRID MC drift fence

	St	Spp	No	WT	Sex	Age	Bridg	Caught		Released		
								IN	OUT	IN	OUT	
March 20	W-5	Pb P. californicus	03340 0200	24.5 37	♂ ♂	m m	scrotal scrotal		X		X	
1-01031	W-9	P. trui	03310	23.5	♂	m	scrotal	X		X		
	W-11	P. californicus	1301	43	♀	m	perf, p-lact	X			X	
-03100	W-13	Pb	0440	22.5	♀	m	up, parous		X		X	
	E-1	Pb	0421	19	♀	LSD	mullip	X		X		
-1400	E-9	Pb	0111 03410	22 26	♀ ♂	m m	up, parous scrotal		X		X	
								X		X		
1-0100	W-5	P. californicus	0200	Recap				X		X		
	W-11	P. trui	03310	"				X		X		
-0300	W-13	Pb	0221 0440	19 Recap	♂	SAD	TWO		X		X	
	Sm W of W-11	P. californicus	1301	11			up, p-lact					Dusted Brown
	E-1	Pb	0421	11					X		X	
	E-9	Pb	0331?	25.5	♂	m	scrotal		X		X	
March 22	W-5	Pb	03340	Recap				X		X		
	W-9	P. californicus	0200	"				X		X		
	W-13	Pb	0440	"					X		X	
	E-1	Pb	0421	"				X		X		
	E-9	Pb	0111	"				X		X		
	E-11	Pb	03410	"				X		X		
~ opened up all traps and left passageways open ~												
March 29	W-1	Pb	03110	23.5	♀	m	up, parous	X		X		
	"	"	0221	20	♂	Sm	scrotal		X		X	
	W-5	P. monachus	01310	26.5	♂	m	scrotal		X		X	
	W-9	Pb	0440	25	♀	m	up, parous	X		X		
7/14 = 50%	W-11	P. californicus	0200	42.5	♂	m	scrotal	X		X		
	W-13	Pb	03340	25	♂	m	scrotal!!		X		X	
	E-1	Pb	0401	23	♂	m	scrotal	X		X		
	E-7	Pb	0111	24	♀	m	up, parous	X		X		
	E-9	Pb	03410	20	♂	m	scrotal!	X		X		
	E-1	Pb	0221	Recap				X		X		
March 30	W-3	P. californicus	1519	16	♂	lm	TWO	X		X		Returned to lab
closed-1	W-9	P. californicus	0200	Recap				X		X		
	W-13	Pb	04330	"				X		X		
	E-1	Pb	0401	"				X		X		
	E-7	Pb	0111	"				X		X		
March 31	E-9	Pb	01021	18	♀	2 Mat	up, mullip	X		X		
	W-1	Pb	03110	Recap				X		X		
closed-11	W-5	P. monachus	01310	"				X		X		
	W-7	P. californicus	1519	"		let in	seems ok	X		X		
7/12	W-9	Pb	0440	"					X		X	
	W-11	P. californicus	0200	"				X		X		
	W-13	Pb	04330	"					X		X	



KIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCING

Hastings Reservation, Monterey Co., Calif.

GRID MC drift fence

	St	Spp	No	Wt	Sex	Age	Bdgs	Caught		Released		
								in	out	in	out	
March 31 (cont)	E-1	Peromathus	01040	23.5	♂	m	scrotal	x		x		
	E-7	Pb	0111 01021	Recap n				x		x		
									x		x	
April 1	W-1	Pb	0221	Recap					x		x	
	W-3	P. californicus	1519	"				x			x	Gave him choice
(again...)	W-5	Pb	03110	"					x		x	
(2)	W-7	P. californicus	1381	50g	♀	lm	pregnat	x			x	Dusted brown
		P. californicus	1523	15.5	♂	lm	TWD	x	x	x	x	returned to lab.
	W-13	Pb	0440	Recap					x		x	
(2)	E-1	Peromathus	01400	22	♂	m	scrotal	x		x		01040
	E-5	Pb	01021	Recap				x		x		
	E-7	Pb	0111	"						x		
April 2	W-1	Pb	0221	recap					x		x	
	W-5	P. californicus	1519	recap					x		x	
5/12	W-9	P. californicus	0200	recap				x		x		
	W-13	P. boylii	0440	"					x		x	
	W-13	" "	3340	"				x		x		
	E-1	" "	0410	26.5	♂	m	scrotal	x		x		
	E-7	Pb.	0111	recap				x		x		
01031												
03400 April 3	W-1	Pb	0330	24	♂	m	scrotal		x		x	
2000	W-5	Peromathus	0240	should have weighed				x	x		x	
01400	W-5	P. californicus	1519	15.5	Recap			x		x		
0-0300 (8/14)	W-9	P. californicus	0200	"				x		x		
0-0200	W-11	Pb	1523	"					x		x	
	W-11	Pb	03340	"				x		x		
	W-13	Pb	04330	"				x		x		
			0440	"					x		x	
	E-1	Peromathus	01040	"	♂	m	scrotal - <del>scrotal</del>	x		x		Recap
	E-1	Peromathus	01400	"					x		x	
Closed - 11	E-7	Pb	01021	"					x		x	
5/10 (2)	E-9	P. californicus	1425	43	♀	m	post-lact, preg?	x		x	x	Had milk, but maybe no. Dusted golden BROWN
	E-9	Pb	0411	Recap					x		x	
	SmW											
April 3 PM	W-5	P. californicus	1519	16	♂	lm	TWD					
April 4	W-5	Pb	0330	Recap					x		x	
in W of W-9	W-5	P. californicus	1523	"								
	W-13	Pb	0440	"					x		x	
	E-5	Pb	01021	"				x		x		
	E-7	P. californicus	1525	"			Lactating	x	x	x		Gave choice
	E-9	Pb	0111	"				x		x		
	~ Start over weighing animals											
April 4 PM	SmW											
W-5	P. californicus	1519	Recap									Both covered with fresh BROWN powder
	P. californicus	1523	"					x		x		



JOURNAL-DRIFT FENCE

GRID MC drift fence.

		St	Spp	NO	WT	Sex	Age	Body	Caught		Released		
									IN	OUT	IN	OUT	
April 5	5m W of 125	P. californicus	1523	17.5	♂	Im	TUD						
	W-5	Perognathus	0240	20.5	♀	Im	lact? vulva crusty		X		X		
	W-5	P. californicus	1519	18.5	♂	Im	TUD		X		X		
	W-13	Pb	0440	22	♀	Im	up, pious		X			X	
Success = 3/16	Im W of E-9	P. californicus	03340	24	♂	Im	scrotal		X		X		
		P. californicus	1525	36.5	♀	Im	lact?						
	E-9	Pb	0111	21.5	♀	Im	up, nullip		X		X		
	(N) E-11	P. truei	03400	18	♀	SAD	nullip			X		X	Wanted back
	(N) E-5	P. californicus	1527	23	♀	ESAD	up, nullip		X		X		returned old
	E-1	Pb	0410	26.5	♂	Im	scrotal		X		X		
		Perognathus	01400	23	♂	Im	scrotal		X			X	
April 5 (Pm)	10m east of E-7	P. californicus	1183	52g/kg	♀	Im	swollen no milk						
	5m east of E-9	P. californicus	0340	45	♀	Im	pregnat						
April 6 (Pm)	W-5	N. hucipes	1529	20.5	♀	Im	Ref, pious		X		X		Wanted back
	W-16	Perognathus	02000	30.5	♂	Im	scrotal			X		X	
	W-9	P. californicus	0200	40	♂	Im	scrotal		X			X	
	Im W of W-9	P. californicus	1391	54	♀	Im	pregnat!						Dashed Brown
(W-D103)	20m W of W-9	P. californicus	1510	25.5	♀	ESAD	nullip						Who is this?? of 14/00 - Dispenser!!
	W-11	Pb	04330	30	♀	Im	pus				X		
	W-13	Pb	0440	33.40	♀	Im	pus			X		X	Impudore.
	E-1	Perognathus	02010	20.5	♀	Im	pus - vulva swollen		X		X		
	E-7	P. californicus	01400	120CAP					X		X		
			1527							X		X	
NOG - 0200 April 6 (Pm) - no P. californicus													
April 7 (Pm) - no P. californicus													
April 8 - traps closed, passage ways left open													
April 10 (Pm)	W-13	P. boylii	0440	22.5	♀	M	PERF, pious		X		X		
	(N) April 10 (Pm)	E-1	P. californicus	1531	30.5	♀	EM	PERF, nullip		X		X	Returned to lab
(N) April 10 (Pm)	E-5	P. truei	03410	21.5	♂	M	scrotal		X		X		
	E-9	P. boylii	0111	23.0	♀	M	IMP, nullip		X		X		
	E-11	P. boylii	03410	25.0	♂	M	scrotal		X		X		Lost Tail's health
April 11	W-5	Pb	0440	25	♂	Im	scrotal		X		X		
	W-7	Perognathus	01310	25	♂	Im	scrotal		X		X		
	W-11	Pb	04330	26	♀	M	Ref, pious		X		X		
	W-13	Pb	0221	18	♂	Em	scrotal		X		X		





RIBBON  
1989

# JOURNAL - DRIFT FOALS

Hastings Reservation, Monterey Co., Calif

GRID MC

	St	Spp	No	Wt	Sex	Age	Bdy	Caught in out	Released in out	
April 11 (cont)	E-1	P. tuesi	03410	Recap				x		
	E-7	P. californicus	1531	"				x	x	
	E-9	Pb	038410	"				x	x	
April 12 (N)	W-3	P. californicus	1519	20	♂	un	rwid	x	x	
	W-7	Perognathus	01310	25	♂	M	scrotal	x	x	x
	W-9	P. californicus	02010	29				x	x	
	W-11	Pb	04330	38.5	♂	un	scrotal	x	x	
	W-13	Pb	0440	Recap			lact		x	
	E-1	Pb	0440	"				x	x	
	E-11	Pb	03410	"				x	x	
April 13	W-5	P. californicus	1519	Recap				x	x	
	W-7	Perognathus	01310	"				x	x	
	W-9	Pb	04330	"				x	x	
	W-13	Pb	03340	23.5	♂	un	lact scrotal	x	x	
	W-13	Pb	0440	Recap				x	x	
	E-1	Perognathus	01400	24	♂	un	scrotal	x	x	
(N)	E-7	Pb	01101	24	♀	M	up, nullip	x	x	
	E-9	Pb	03410	Recap				x	x	
	E-11	Pb	0111	"				x	x	
	W-5	Perognathus	0240	21	♀	M	up, parous	x	x	
April 14	W-7	Perognathus	01310	Recap				x	x	
	W-9	Perognathus	02010	"				x	x	
	W-11	Pb	04330	"				x	x	
	W-13	Pb	0221	18.5	♂	un	lact scrotal	x	x	
	W-13	Pb	03340	Recap				x	x	
	E-1	Perognathus	03410	"				x	x	
(N)	E-7	Pb	02040	30	♂	un	scrotal	x	x	
	E-7	Pb	01101	Recap				x	x	
	E-11	Pb	0111	"				x	x	
	W-5	Perognathus	0240	21.5	♀	M	up, parous	x	x	
April 15	W-7	Perognathus	02010	29	♂	un	scrotal	x	x	
	W-11	P. californicus	0200	39.5	♂	un	scrotal	x	x	
	W-13	Pb	03340	23.5	♂	un	scrotal	x	x	
	W-13	Pb	0440	23.5	♀	M	up, nullip	x	x	
April 16	E-1	Perognathus	02040	30.5	♂	un	scrotal	x	x	
	E-11	Pb	03410	25.5	♂	un	scrotal	x	x	
	W-1	P. californicus	1519	21	♂	un	rwid	x	x	
	W-1	Pb	01131	23.5	♂	un	scrotal	x	x	
April 17	W-5	Perognathus	02010	Recap				x	x	
	W-5	Perognathus	0240	"				x	x	
	W-7	N. fuscipes	1529	26.5	♀	M	up, preg?	x	x	
	W-11	Perognathus	01310	25	♂	M	scrotal	x	x	
	W-13	Pb	0221	19	♂	Em	scrotal	x	x	
	W-13	Pb	0440	Recap				x	x	
April 18	E-1	Perognathus	01400	23	♂	M	scrotal	x	x	
	E-9	Pb	03410	Recap				x	x	

Escaped when trying to work



# LOUIZIAN - DRIFT FENCE

6215 MC

	St	Sp	No	Wt	Sex	Age	Body	Caught in out	Released in out	
April 16 (cont.)	E-11	P. bonin	0111	23	♀	ul	perf. null	x		x
April 17	W-1	P. californicus	1519	Recap				x		x
	W-2	Perognathus	01310	u					x	x
	W-4	Perognathus	02010	u					x	x
	W-11	Perognathus	01220	21	♀	ul	up, nullip			x
	W-13	Pb	0440	Recap						x
			0221					x		x
	E-1	Perognathus	01400	u				x		x
			02040	u					x	x
	E-4	Pb	03410	u				x		x
	E-11	Pb	0111	u				x		x
April 18	W-1	P. californicus	1519	u				x		x
	W-5	Perognathus	0240	u					x	x
	W-7	Perognathus	02110	u				x		x
	W-11	Perognathus	01310	u					x	x
	W-11	Pb	01141	23.5	♀	ul	up, nullip	x		x
	W-13	Pb	03340	Recap					x	x
			0440	u				x		x
	E-1	Pb	01201	25.5	♀	ul	lactating		x	x
	E-1	Perognathus	02040	Recap				x		x
	E-11	Pb	0111	u				x		x
April 19	W-1	P. californicus	1519	Recap				x		x
	W-5	Perognathus	02010	u				x		x
	W-7	Perognathus	01310	u				x		x
	W-11	Perognathus	01220	u					x	x
	W-13	Pb	03340	u				x		x
			0440	u					x	x
	E-1	Perognathus	02040	u				x		x
	E-9	P. californicus	1537	32	♀	ul	up, null	x		x
	E-9	Pb	0111	Recap					x	x
closed all traps and left passageways open										
April 27	W-1	Pb	01041	21.5	♀	ul	up, parous	x		x
	W-7	Perognathus	02010	27.5	♂	ul	scrotal	x		x
	W-9	Pb	01141	22	♀	ul	up, nullip		x	x
	W-13	Pb	0440	23.5	♀	ul	perf, parous		x	x
	E-1	Perognathus	01400	23	♂	ul	scrotal	x		x
	E-9	Pb	0410	26.5	♂	ul	scrotal	x		x
	E-11	Pb	0111	29.5	♀	ul	preg	x		x
April 29	W-1	Pb	03110	Recap	♀	ul	preg	x		x
	W-7	Perognathus	0240	29	♀	ul	preg		x	x
	W-9	Perognathus	01230	27	♂	ul	scrotal		x	x
	W-13	Pb	0440	Recap					x	x
	E-1	Pb	01201	24.5	♀	ul	lact?	x		x
	E-9	Pb	0111	Recap				x		x
	E-11	Pb	0410	Recap				x		x



PURPLE, D.O  
1989

# LOWZNALE-DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID MC drift fence.

	St	SPP	No	wt	Sex	Age	Body	Caught in out	Released in out	
April 29	W-1	Pb	03110	Recap				x		around 13
	W-5	Pb	01041	20	♀	m	up, nullip		x	
5/12	W-7	Perognathus	02010	Recap					x	
	W-9	Pb	01141	"					x	
	W-13	Pb	0221	19.5	♂	m	scrotal	x		
	E-9	Pb	03410	Recap				x		
	E-11	Pb	0110	"			preg	x		
April 30	W-1	Pb	03110	Recap				x		
	W-5	Pb	0330	24?	♂	m	scrotal		x	
	W-5	P. californicus	0200	39	♂	m	scrotal	x		
	W-7	Perognathus	02010					x		
cloud-1	W-7	Perognathus	02000	30	♂	m	scrotal	x		loosing tag #0200
	W-13	Pb	0440	Recap					x	
	E-1	Pb	01201	"			lact		x	
cloud-11	E-9	Pb	0410	"				x		
	E-11	Pb	0111	"				x		
May 1	W-1	Pb	03110	Recap				x		
cloud-1	W-7	Pb	01041	"					x	
	W-9	P. californicus	0200	"					x	
	W-13	Pb	0440	"					x	
	E-1	Pb	01201	"			lact	x		
	E-9	Pb	0410	"				x		
~ Start over weighing animals										
May 2	W-1	Pb	03110	29	♀	m	preg	x		
	W-5	Pb	01041	21	♀	m	up, nullip		x	
	W-5	P. californicus	1301	44	♀	m	lact	x		furried back!
(N)	W-9	Pb	01211	21	♂	m	scrotal		x	Dusted Brown
	W-13	Pb	0221	20	♂	m	scrotal	x		
	E-1	Pb	01201	21.5	♀	m	lact	x		
	E-7	Pb	0111	22.5	♀	m	lact	x		
(N)	E-9	P. californicus	1554	29.5	♀	sub	up, nullip		x	returned to lab
	E-9			escaped	Hum back door		preg?	x		SHIT!!!
May 3	W-1	Pb	03110	Recap				x		
	W-5	P. californicus	0200	"			should have weighed	x		
	W-5	Pb	01041	"					x	
(N)	W-7	P. californicus	1550	14.5	♀	m	nullip	x		should have!
	W-7	Perognathus	0240	23	♀	m	lact, preg		x	
	W-9	P. californicus	1301	Recap			lact.		x	gone clare
	W-13	Pb	03240	23	♂	m	scrotal	x		
	E-7	Pb	0111	Recap			lact	x		
(N)	E-9	P. californicus	0120	36.5	♂	m	scrotal	x		
	pet. but slipped out. Escaped - white tail-tip. Collected tail & toes									
	E-11	P. californicus	1554	Recap				x		



JOURNAL-DRIFT FENCE

GRID MC dust fence

	St	Sp	No	Wt	Sex	Age	Body	Caught in/out	Released in/out		
May 4	W-1	Pb	03110	Recap				x	x		
	W-5	P. californicus	0200	"				x	x		
	W-7	Perognathus	02000	31				x	x		
	W-7	Perognathus	0240	Recap			lact	x	x		
	W-9	P. californicus	1556	"				x	x		
	W-11	Perognathus	0220	23.5	♀	m	lact	x	x		
	W-13	Pb	03340	22.5	♂	m	scrotal	x	x		
			0440	Recap				x	x		
	E-1	Pb	01201	"			lact	x	x		
	E-7	Pb	0111	"			lact	x	x		
May 4	E-9	Pb	03410	"				x	x		
		P. californicus	155	"				x	x		
	~ closed all traps and left passageways open										
May 11	W-5	Perognathus	0240	25	♀	m	lact	x	x		
	W-13	Pb	0440	24.5	♀	m	preg	x	x		
		P. californicus	0200	41.5	♂	m	scrotal	x	x		
	E-1	Perognathus	01400	24.5	♂	m	scrotal	x	x		
	(10) E-5	Microtus	0200	35.5	♂	m	und	x	x		
	E-7	P. californicus	1554	31.5	♀	SAD	mullip	x	x		
	E-9	Pb	0410	27.5	♂	m	scrotal	x	x		
	E-11	Pb	0111	26	♀	m	lact	x	x		
	May 12	W-1	Pb	0221	21	♂	m	scrotal	x	x	
		W-5	Pb	01211	23.5	♂	m	scrotal	x	x	
W-5		Perognathus	0240	Recap				x	x		
W-9		P. californicus	1301	42.5	♀	m	early lact	x	x		
W-11		P. californicus	0200	Recap				x	x		
W-13		Pb	03340	25	♂	m	scrotal	x	x		
			0440	Recap				x	x		
E-1		Microtus	0200	"				x	x		
E-9		P. californicus	1554	"				x	x		
E-11		Pb	0111	"			lact	x	x		
May 13	W-1	Pb	01211	"				x	x		
	W-5	Pb	03110	26	♀	m	lup, und, preg	x	x		
	W-5	Perognathus	0240	Recap			lact	x	x		
	W-11	Pb	03340	"				x	x		
	W-13	Pb	0440	"				x	x		
		P. californicus	0200	"				x	x		
	E-1	Perognathus	01400	"				x	x		
	E-9	Pb	0111	"			lact	x	x		
	E-11	Pb	03410	"				x	x		
	May 14	W-5	Perognathus	0240	Recap			lact	x	x	
		Pb	03110	"				x	x		
W-9		Perognathus	01310	26	♂	m	scrotal	x	x		
		P. californicus	1301	41	♀	m	up, p-1	x	x		
W-11		Pb	03340	Recap				x	x		
W-13		Pb	0440	"				x	x		
E-1		Perognathus	01400	"				x	x		
E-9		Pb	03410	"				x	x		
E-11		Pb	0111	"			lact	x	x		





RIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRAND MC drift fence

	St	Spp	No	wt	Sex	Age	Bridg	Caught		Released		
								in	out	in	out	
May 15	W-1	Pb	03110	Recap				x		x		west around
	W-5	Perognathus	0240	"			lact	x	x	x		
	W-4	Pb	01211	"				x		x		
	W-4	Pb	0440	"				x		x		
	W-11	Perognathus	01310	26	♂	m	scrotal	x		x		
	W-13	Pb	03340	Recap					x		x	
May 16	E-1	Perognathus	01400	"					x		x	
	E-9	Pb	0111	"					x		x	
	W-1	Pb	03110	Recap				x		x		
	W-5	Pb	01211	"				x		x		
	W-7	Perognathus	024	24	Recap		lact	x	x	x		
	W-9	W. fuscipes	1463	315	♀	m	up, pious	x		x		p-1
May 17	W-13	Pb	0440	Recap				x	x		x	back thru
	E-9	Pb	0111	"			lact	x			x	
	W-5	Pb	01211	21.5	♂	m	scrotal	x	x		x	
	W-5	Pb	03110	24	♀	m	up, pious	x		x		
	W-7	Perognathus	01310	26.5	♂	m	scrotal		x		x	
	W-9	P. californicus	1391	41	♀	m	up, pious	x		x		Dusked Brown
May 18	W-9	Pb	0200	39	♂	m	scrotal	x		x		
	W-13	Pb	0440	23.5	♀	m	up, pious		x		x	
	E-1	Perognathus	01400	24.5	♂	m	scrotal	x		x		
	W-1	Pb	03110	Recap				x		x		
	W-5	Pb	01211	"					x		x	
	W-9	N. fuscipes	1529	195	♀	m	up, pious, p-1	x		x		
May 19	W-9	N. fuscipes	1504	75	♂	m	TWD	x		x		any!
	W-11	Perognathus	01310	Recap				x		x		
	W-13	Pb	0440	"					x		x	
	E-9	Pb	03410	25	♂	m	scrotal	x		x		
	W-5	Pb	03110	Recap				x	x		x	
	W-5	Pb	01211	"				x		x		
May 20	W-7	Perognathus	0240	23	♀	m	up, p-1	x	x		x	
	W-9	W. fuscipes	1529	Recap				x		x		
	W-13	Pb	0440	26				x	x		x	
	E-1	Perognathus	01400	"				x		x		Recap
	E-7	Pb	03410	"					x		x	
	W-1	Pb	01211	Recap				x		x		
May 21	W-5	Pb	03110	"					x		x	
	W-7	Perognathus	0240	"			lact?	x	x	x		
	W-9	W. fuscipes	1504	"				x		x		
	W-9	W. fuscipes	1529	"				x	x		x	
	W-11	Pb	03340	27	♂	m	scrotal		x		x	
	W-11	P. californicus	0200	Recap				x		x		
May 22	W-13	Pb	0440	"				x		x		
	E-1	Perognathus	01400	"				x		x		
	E-9	Pb	03410	"				x		x		
	W-1	Pb	01211	Recap				x		x		
	W-5	Pb	03110	"					x		x	
	W-7	Perognathus	0240	"				x	x	x		



ZIBBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID MC drift fence

May 23

St	Sp	No	WT	Sex	Age	Body	Caught IN OUT	Released IN OUT
----	----	----	----	-----	-----	------	------------------	--------------------

-01331

-03430

HW-02120 (N)

E-1	Perog.	2105	21.5	♀	Ad	post-lac	✓		coming in
-----	--------	------	------	---	----	----------	---	--	-----------

-0500

HW-02110

(N)	E-3	Perog.	2101	12	♀	juv.	hull.	✓	✓
-----	-----	--------	------	----	---	------	-------	---	---

oma

W-3	Neotoma	1509		♀			✓	✓	coming in
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Data recorded,  
by WZL,  
WZlets.

W-5	truei	1211	21.5	♂	Ad	par. desc. TARD	✓	✓	coming in
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W-9	P. calif.	(200) 0200		♂	Ad		✓		taken in ear tag rip going out
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W-9	truei	3340	23.5	♂	Ad	T. regress.	✓	✓	bob-tail going in
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W-11	Perog	1220	22	♀	Ad	post-lac	✓	✓	going out
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W-13	truei	440	22.5	♀	Ad	post-lac imp.	✓		going out
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May 24

W-1	Phyllis	0321	21.5	♂	m	scrotal	✓	✓	
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W-1	N. fuscipes	1529	160	♀	m	up, p-lac	✓	✓	
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W-5	Perognathus	0240	21	♀	m	up, p-lac	✓	✓	
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7/14

W-5	P. californicus	0200	36	♂	m	scrotal	✓	✓	
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W-9	N. fuscipes	1463	26.5	♀	m	up, p-l	✓	✓	
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W-11	Perognathus	0120	22	♀	m	up, (p-lac) (p-lac)	✓	✓	
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W-13	PB	0440	22.5	♀	m	up, p-lac	✓	✓	
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GRID DATA { 7,5,25 P. californicus 1381 40.5 ♀ m up, p-lac Dashed Brown  
7,4 P. californicus 1206 38.5 ♂ m scrotal

(N)	E-1	Perognathus	02110	12.5	♂	m	TWO	✓	✓
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(N)	E-1	Perognathus	02130	13.5	♂	m	TWO	✓	✓
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(N)	E-3	E. megalotis	0200	8	♂	m	scrotal	✓	✓
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(N)	B-9	P. californicus	1412	33	♂	sm	TWO	✓	✓
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May 25

W-1	PB	01211	21	♂	m	scrotal	✓	✓	reduced to lab
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W-5	Perognathus	0240	RECAP				✓	✓	more red
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W-5	N. fuscipes	1529	RECAP				✓	✓	
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W-9	Perognathus	01220	22	♀	m	up, p-l	✓	✓	
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W-13	Perognathus	01310	27	♂	m	scrotal	✓	✓	
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RIBBLE, D.O.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

LYRID MC drift fence

	St	Spp	Vo	Wt	Sex	Age	Body	Caught in our Dusted	Released in our RED	
May 25 (cont)	7.5, 2.5	P. calif.	0100	44	♀	m	lact.			
	E-1	Perognathus	01400	24	♂	m	scrotal	x	x	
	E-11	Pb	01021	21	♀	m	up, pharynx	x	x	
	~ closed all traps (left passageways open)									
W-01401 June 1	W-13 mc	P. b.	03340	24	♂	m	scrotal	x	x	
E-03470	E-11	P. calif.	1554	30.5	♀	Sad	imper, null	x	x	left ear ripped
W-02140 June 2	W-5	Perognathus	0240	28.5	♀	m	imper, pregnt	x	x	
	W-7	Perognathus	01310	26.5	♂	m	scrotal	x	x	
E-0210	W-13	P. b.	0440	22	♀	m	imper, par.	x	x	
	E-7	P. calif.	1554	RECAP				x	x	
June 3	W-5	Perognathus	02120	14	♀	m	null	x	x	
	W-5	Perognathus	0240	RECAP				x	x	
	W-13	P. b.	03340	RECAP				x	x	
	W-13	P. b.	0440	RECAP				x	x	} caught in same trap
	E-7	P. calif.	1554	RECAP				x	x	
June 4	W-1	P. b.	01331	14	♀	E Sad	Imp, null	x	x	
(N)	W-5	P. b.	01341	13	♀	Imm	Imp, null	x	x	
	W-5	P. b.	0221	21.5	♂	m	scrotal	x	x	
(N)	W-9	Neotoma f.	1634	300	♀	m	Imp, par.	x	x	pet but ripped out
	W-11	Perognathus	01220	30.5	♀	m	preg.	x	x	
	W-13	P. b.	0440	RECAP				x	x	
	E-11	P. calif.	1554	RECAP				x	x	
June 5	W-1	P. b.	01331	RECAP				x	x	
	W-5	P. b.	0221	RECAP				x	x	
	W-9	Neotoma f.	1634	RELAP				x	x	
	W-13	P. b.	0440	RECAP				x	x	



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~~DISPERSED DATA~~  
DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

Location: GRID ME

	St	SP	No	wt	Sex	Age	Body	Caught		Released		
								IN	OUT	IN	OUT	
June 5 (cont)	W-13	P. b.	03340	RECAP				X		X		
June 6	W-5	P. californicus	0200	39.5	♂	M	scrotal	X		X		
		Perognathus	0240	RECAP					X		X	
	W-9	P. californicus	1381	50.5	♀	Wp M	imp, pregnant	X		X		Dusted Brown
	W-13	Pb	0440	RECAP					X		X	
	E-1	Pb	01411	13.5	♂	Imm	TND	X		X		
June 7	Started over weeding animals.											
	W-5	Perognathus	02120	14.5	♀	Imm	null		X		X	
	W-5	Perognathus	0240	22.5	♀	m	Lact	X			X	
	W-13	P. b.	0440	22	♀	m	Imp, par		X		X	
	W-13	P. calif.	0200	37.5	♂	m	scrotal	X		X		Golden brown venter around mouth
	E-1	Perognathus	01400	24	♂	m	scrotal	X		X		
June 8	E-3	Perognathus	02220	16	♂	Imm	TND		X		X	
	W-5	P. calif.	0200	recap				X		X		
	W-5	Perognathus	0240	recap					X		X	
	W-11	Perognathus	01220	23	♀	m	Lact		X	X		
	W-13	P. b.	0440	recap			semi-perf		X		X	
	W-13	P. calif	1381	49.5	♀	m	Imp, pregnant?	X		X		
closed I	E-11	P. b.	03410	26.0	♂	m	scrotal	X		X		
June 9	W-5	P. b.	0221	20.5	♂	EM	scrotal	X		X		
	W-5	Perognathus	0240	RECAP					X	X		
04/11-01441	W-11	Pb	03340	24.0	♂	m	scrotal		X		X	
	W-13	P. calif	0200	RECAP								
03430-12	W-5	Perognathus	0240	RECAP			P-lact		X		X	
	W-11	Perognathus	01221	24.5	♀	m		X			X	
02240-12	W-13	P. b.	03340	RECAP					X		X	
	W-13	P. b.	0440	RECAP				X		X		
closed II	E-1	Perognathus	02030	25	♂	m	Scrotal	X		X		
	E-7	P. calif.	1554	?	♀	m	null	X		X		Face still wounded
	E-9	P. b.	01031	24.5	♀	Em	null	X		X		
	<del>E-5</del>	<del>P. b.</del>	<del>02412</del>									
June 13	W-5	P. b.	01341	15	♀	ESal	Imp null		X		X	
closed I	W-13	P. b.	0440	RECAP			Imp		X		X	
closed I	E-7	Perognathus	02220	17.5	♀		Imp	X		X		
	E-11	P. calif	1554	RECAP			Imp		X		X	
	E-11	P. b.	03410	27	♂	m	Scrotal	X		X		
June 14	W-9	P. calif.	1381	48.5	♀	m	Imp. lact		X	X		Dusted Golden- Brown
closed II	E-1	P. b.	01411	16	♂	Imm	TND	X		X		
	E-9	P. calif.	1554	34	♀	m	Imp null		X		X	non-tagged ear bleeding slightly face still wounded





UnBehren, Julie  
1989

# Drift Fences

Hastings Reservation, Monterey Co, Ca

Location - Grid MC

	St	Spp	No	Wt	Sex	Age	Brdg.	caught		released		Comments
								IN	out	IN	out	
June 14	E-11	P. b	03410	27	♂	m	Scrotal	X		X		
June 15	W-9	Neotoma	?	Broke through			mesh bag	X			X	wrong release
	W-11	P. b	03340	25	♂	m	scrotal		X		X	Both traps set for going out
	W-13	P. b.	0440	21.5	♀	m	semi perf		X		X	
(N)	E-1	Perognathus	02230	18	♀?	imm	null	X		X		
	E-9	P. b	03410	27	♂	m	Scrotal	X		X		
June 16	W-5	P. b	0341	RECAP			Imp		X		X	
closed I	W-13	P. b	0440	22g	RECAP		m	Imp		X	X	
	E-9	P. calif	1554	31	♀	m	Imp	X		X		
	E-11	P. b	0410	27	♂	m	scrotal	X		X		
June 17	W-1	P. b	03110	25.5	♀	m	Imp <sup>par?</sup>	X		X		
closed I	W-5	P. b	01041	22.5	♀	M	Imp null		X		X	
	W-13	P. b	0440	RECAP					X		X	
closed III	E-9	P. calif	1554	RECAP			Imp		X		X	
June 18	W-1	P. b	03110	RECAP			Imp	X		X		
closed I	W-5	P. b	01241	15	♀	Sad	Imp null	X		X		
	W-13	P. b	0410	RECAP					X		X	
closed II	E-1	P. b	01411	RECAP				X		X		
	E-11	P. calif	1554	RECAP				X		X		
June 19	W-1	P. b	03110	RECAP			Imp	X		X		
closed II	W-9	Neotoma	lost ear tag?	-right ear ripped			M	X		X		
	W-13	P. b	0440	RECAP			Imp		X		X	
	E-1	Perognathus	01400	24	♂	m	Scrat	X		X		
	E-11	P. b	03410	RECAP				X		X		
June 20	W-1	P. b	03110	RECAP			Imp	X		X		







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JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID MC

	St	Spp	Wb	Wt	Sex	Age	Brdg	Caught IN OUT	Released IN OUT	
June 26	W-1	Pb	03110	24.5	♀	M	lact	x		
	W-9	Pb.	01301	17	♀	SAD	mullip		x	01341?
-01441	W-11	Perognathus	01220	21	♀	M	up, p-1		x	
	W-13	P. californicus	0100	49	♀	M	up, lact		x	Dusted DSD
-03430	E-1	Perognathus	02030	27	♂	M	scrotal	x	x	west and
			02230	24	♀	SAD	mullip		x	
W-02300 (A)	E-9	P. californicus	1554	32	♀	Imm	up, mullip		x	wrong release
	E-11	N. fuscipes	1656	190	♂	SAD	TND	x	x	
June 27	W-1	Pb	03110	RECAP			lact	x		
	W-9	Perognathus	01220	n					x	
	W-13	P. californicus	0100	47	RECAP		lact		x	
	E-1	Perognathus	02230	RECAP				x	x	
	E-7	Pb	01141	25	♀	M	up, parous		x	
	E-9	P. californicus	1554	30	RECAP				x	
	E-11	Pb	03410	24	♂	M	scrotal	x	x	
June 28	W-1	Pb	03110	RECAP			lact	x		
	W-5	Pb	0221	21	♂	M	scrotal	x	x	
	W-9	Pb	01041	20	♀	M	up, parous		x	
8/14	W-9	Pb	01301	17	RECAP			x	x	
	W-11	P. californicus	1381	47.5	♀	M	up, p-1		x	Dusted Brown
	W-11	P. californicus	0200	39	♂	M	scrotal		x	
	W-11	Pb	0440	22	♀	M	up, parous	x	x	
	W-13	Pb	03340	23	♂	M	scrotal		x	
	E-1	Perognathus	02101	21	♂	Imm	TND	x	x	
	E-3	Perognathus	02230	RECAP				x	x	
	E-7	S. towbridgei	01031	31.5	♀	M	up, mullip		x	
	E-9	Pb	01031	31.5	♀	M	up, mullip		x	
	E-11	P. californicus	1554	31.5	RECAP				x	
June 29	W-1	P. b.	03110	RECAP			lact	x		
	W-5	P. b.	0321	20.5	♂	M	Scrotal (barely)	x	x	
7/14	W-5	P. calif.	0266	38	RECAP				x	
	W-7	Perognathus	02240	19	♀	Imm	Null	x	x	
	W-9	P. b.	01301	RECAP				x	x	
	W-9	P. b.	0440	RECAP					x	
	W-13	P. calif.	0100	40.5	RECAP		lact		x	reduced Red
	E-1	Perognathus	02230	RECAP					x	
	E-9	P. b.	03410?	37	RECAP		escaped		x	
June 30	W-5	P. calif.	0200	37	RECAP			x	x	
	W-7	Perognathus	2240	RECAP				x	x	
	W-9	P. b.	01301	RECAP				x	x	
closed 1	W-13	P. b.	3340	RECAP					x	
	E-1	Perognathus	02230	RECAP					x	
	E-9	P. b.	03410	RECAP				x	x	wrong release
	E-9	P. b.	01031	RECAP				x	x	



Journal - Drift Fence

GRID MC

	St	Spp	No	Wt	Sex	Age	Bdy	Caught in out	Released in out
July 1	W-1	P.b.	03110	Recap			lact.	X	X
	W-9	P.b.	01301	Recap				X	X
	W-13	Pterognathus	02320	10g	♂	M	TND	X	X
	E-1	Pterognathus	02230	Recap				X	X
	E-9	P.b.	01031	Recap				X	X
	E-11	P.b.	03410	Recap				X	X
July 2	W-1	P.b.	03110	Recap			lact.	X	X
	W-5	P.b.	01301	Recap				X	X
	W-5	P. calif.	200	37.5				X	X
	W-7	Pterognathus	02240	Recap				X	X
	W-9	Pterognathus	01220	Recap				X	X
	W-9	Pterognathus	02330	14.0	♂	Imm	TND	X	X
	W-11	P.b.	03340	Recap				X	X
	W-13	P.b.	0440	Recap				X	X
	E-1	P.b.	02031	11.5	♀	Imm	multip.	X	X
	E-9	P.b.	03410	Recap				X	X
↓ Start over weighing birds ↓									
July 3	W-1	Pb 0321	02210	22	♂	M	scrotal	X	X
	W-5.1	P. californicus	0200	37	♂	M	scrotal	X	X
	W-7	Pterognathus	02240	21	♀	Imm	up, multip	X	X
	W-8.5	Pterognathus	01220	26	♀	M	up, parous	X	X
	W-9	Pterognathus	01310	26.5	♂	M	scrotal	X	X
	W-13	Pb	0440	22	♀	M	up, parous	X	X
			03340	24.5	♂	M	scrotal	X	X
	E-1	Pterognathus	02230	27.5	♀	M	pregnant	X	X
	E-7	Pb	01031	23	♀	M	up, parous	X	X
	B-9	Pb	03410	23	♂	M	scrotal	X	X
July 4	W-1	Pb	03110	24	♀	M	up, p-lact	X	X
	W-5	Pb	0221	21.5	♂	M	scrotal	X	X
	W-5.2	Pterognathus	02240	Recap				X	X
	W-5.2	P. californicus	0200	35			Recap	X	X
	W-8.5	Pterognathus	01220	Recap				X	X
	W-12	Pb	03340	Recap				X	X
	W-13	Pterognathus	02340	11.5	♀	Imm	multip	X	X
	E-1	Pterognathus	01400	24.5	♂	M	scrotal	X	X
	E-9	Pterognathus	02400	17	♂	Imm	TND	X	X
	E-11	Pb	03410	Recap				X	X
closed traps and left passageways open ~									



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RIBBLE, D.D.  
1989

JOURNAL - TRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GEIOMC drift fence

	St	Spp	No	WT	Sex	Age	Bridg	Caught		Released		
								IN	OUT	IN	OUT	
July 7 5/14	W-1	P. b.	0221	21	♂	m	scrotal	x		x		
	W-5	Perognathus	02240	20	♀	Sad	Perf, null	x		x		
	W-5	P. californicus	0200	38	♂	m	scrotal		x		x	went back in
	W-9	P. b.	01331	16.5	♀	Sad	Imp, null	x				
	W-13	P. b.	0440	22.5	♀	m	Imp, par		x		x	
	(N) E-7	Perognathus	02410	17.5	♀	Imm	Imp, null		x		x	
July 8 closed -1 03450	E-9	P. calif.	1554	31	♀	EM	Imp, null	x		x		
	E-11	P. b.	03410	23.5	♂	m	scrotal	x		x		
	W-1	Pb	0221	RECAP					x		x	
	W-5	Perognathus	02240	"				x		x		
	W-7	Pb	01341	16	♀	SAD	up, nullip	x		x		
	W-13	Pb	0440	RECAP					x		x	
closed -1	E-3	Perognathus	02230	22	♀	M	lact	x		x		
	E-9	P. californicus	1554	29.5	RECAP			x		x		
	E-11	Perognathus	02410	RECAP				x		x		
July 9 5/14 closed 1	W-1	P. b.	03110	23.5	♀	m	perf, p-l	x		x		
	W-1	P. b.	0221	RECAP					x		x	
	W-5	Perognathus	02240	RECAP					x		x	
	W-9	P. b.	01301	15	♀	LSad	imp, null		x		x	
	W-13	P. calif.	0100	41.5	♀	M	imp, p-l		x	x		dusted RED
	E-1	Perognathus	02230	RECAP			lact	x			x	
	(N) E-9	Perognathus	002420	21	♂	Imm	TND	x		x		
	E-11	P. b.	03410	RECAP				x		x		
July 10 closed -1 7/13	E-11	P. calif.	1554	27.5	RECAP				x		x	
	W-1	Pb	0221	RECAP				x		x		
	W-5	Pb	1341	RECAP				x		x		
	W-7	Perognathus	02240	"				x		x		
	W-9	P. californicus	0200	38	RECAP				x		x	
	W-9	P. californicus	1391	44.5	♀	M	Lactating	x		x		dusted BROWN
	W-13	Pb	03340	23.5	♂	m	scrotal	x		x		
			0440	RECAP					x		x	
	E-1	Perognathus	02230	"			lact		x	x		
	E-7	Perognathus	02410	"					x		x	
	E-9	Pb	Escaped					x	x	x	x	01301?
	E-9	Pb	03410	RECAP				x		x		
July 11 5/11 closed III	E-11	P. californicus	1554	30	RECAP			x		x		
	W-1	P. b.	03310	RECAP				x		x		
	W-5	P. calif.	0200	36.5	RECAP			x			x	
	W-5	Perognathus	02240	RECAP					x		x	
	W-7	P. b.	01301	14.5	RECAP			x		x		
	W-13	P. b.	0440	RECAP					x		x	
	E-9	P. calif.	1554	30	RECAP				x		x	
	E-9	Perognathus	02410	RECAP				x		x		
	E-11	P. b.	03410	RECAP				x		x		



LIBBLE, D.D.  
1989

JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID MC drift fence

	St	Spp	No	WT	Sex	Age	Breeding	Caught		Released		
								in	out	in	out	
July 12	W-1	Pb	0221	Recap					X		X	
			03110	"				X		X		
		Perognathus	02240	"								
03000	7/14	W-5	P. californicus	1381	♀	M	up, last	X			X	Dusky Brown
03430		W-9	Perognathus	02330	♂	Im	TND		X		X	
		W-11	Pb	03340	Recap			X		X		
		W-13	P. californicus	0100	40	Recap	up, parous		X	X		lost steel hunt
03440		E-1	Perognathus	02230	Recap		last?		X	X		
03450		E-9	Pb	03410	"				X		X	
		E-9	P. californicus	1554	31	Recap		X		X		
		E-11	Pb	01021	♀	M	up, parous		X		X	
		E-11	Perognathus	02420	Recap			X		X		
		W-1	P.b.	03110	Recap			X		X		
July 13	(N) W-5	Perognathus	02430	15	♂	Imm	TND	X		X		
	W-5	P.B.	0221	Recap					X		X	
	W-9	P. californicus	1381	41	Recap		Barely last	X			X	Radio collared
	W-11	Perognathus	01220	21	♀	M	last		X	X		
	W-13	Perognathus	02340	15	♀	Imm	Imp, null		X		X	
	E-1	Pb	02430	22	♂	M	scrotal	X		X		
closed 1	E-5	Perognathus	02230	Recap				X		X		
	E-9	P. calif.	1554	29	Recap			X		X		
	E-11	Pb	03410	Recap				X		X		
Start over weighing animals Only east drift fence set ↓												
July 14	E-1	Perognathus	02230	23	♀	M	last	X			X	
	(N) E-5	Perognathus	02440	16	♂	Im	TND	X		X		
closed 1	E-7	Perognathus							X		X	escaped
	E-7	P. calif.	1554	29.5	♀	L sub	Imp, null	X		X		
	E-11	P. b.	03410	24	♂	M	scrotal	X		X		
July 15	Traps closed left blocking pathways											
July 16	(N) W-1	P.b.	02041	22.0	♂	M	TND	X		X		
	W-5	P.b.	03230	22.0	♂	M	scrotal		X		X	
	W-5	P.b.	02021	14.5	♀	Imm	Imp, null	X		X		
	W-7	Perognathus	02240	21.0	♀	SAD	Nullip.	X		X		
	W-9	Perognathus	01220	22.0	♀	M	last.	X			X	
	W-11	Perognathus	01310	25.0	♂	M	scrotal		X		X	
	W-13	P.b.	0440	23.0	♀	M	Imp, parous		X		X	
	E-1	Perognathus	02230	Recap			last.		X	X		
(N)	E-1	Perognathus	03000	18.0	♂	Imm	TND	X		X		
	E-9	P.b.	01031	23.0	♀	M	Imp, parous	X		X		
	E-9	P.b.	01021	21.0	♀	M	Imp, parous		X		X	
	E-11	P.b.	03410	Recap				X		X		



RIBBLE, D.O.  
1989

DISPERSED DATA  
JOURNAL - DRIFT FENCE

Hastings Reservation, Monterey Co., Calif

GRID MC drift fence

	St	Spp	No	Wt	Sex	Age	Bdyg	Caught		Released	
								cat	out	in	out
July 18 closed 1 4/13	W-5	P. boylii	021	15.5	♀	Imm	Null		x		x
	W-7	Perognathus	02240	20.5	♀	Sad	Imp, null	x			x
	W-13	Perognathus	01310	25	♂	m	scrotal		x		x
	W-13	P. boylii	0440	22	♀	m	Imp, par	x		x	
	E-1	Perognathus	02030	25	♂	m	scrotal	x			x
02101 closed 1	E-3	Perognathus	02230	22.5	♀	m	lact	x			x
-03430	E-9	P. californicus	1554	30.5	♀	m	Imp, null		x		x
-03030 July 19	W-5	Perognathus	02240	RECAP				x		x	
	W-5	P. b.	01041	20	♀	m	Imp, par		x		x
	W-9	P. b.	01341	16	♀	L Sad	Imp, null		x		x
	W-9	Perognathus	01310	RECAP				x		x	
	W-11	Perognathus	01220	23.5	♀	m	lact		x	x	
	(N) W-13	Perognathus	03010	18	♂	Imm	TND		x		x
	E-1	Perognathus	02230	RECAP			lact	x			x
	E-3	Perognathus	02440	16	♂	Imm	TND		x		x
	(N) E-3	Perognathus	03020	8.5	♂	Imm	TND	x		x	
	E-9	P. b.	01021	19	♀	m	Imp, par	x		x	
July 20	W-5	Perognathus	02240	RECAP					x		x
	W-9	Perognathus	01310	RECAP					x		x
	W-11	Perognathus	03330	20.5	♂	L Sad	TND		x		x
	W-13	Pb	0440	RECAP					x		x
	W-13	Perognathus	03010	"				x		x	
	Closed 11	E-5	Perognathus	03020	11			x	x		x
		E-5	Perognathus	02230	11		lact	x			x
		E-9	P. calif.	1554	31	RECAP	Imp	x		x	
		E-11	P. b.	03410	25	♂	m	scrotal	x		x
								x		x	
July 21 closed - 1 (N)	W-5	Perognathus	02240	RECAP				x		x	
		Pb	02021	14	♀	Im	up, null		x		x
	W-9	Pb	01341	RECAP					x		x
	(N) W-11	Perognathus	03030	10.5	♀	SAD	up, null		x		x
		Pb	03340	23	♂	m	scrotal	x		x	
	W-13	P. californicus	0100	40	♀	m	Imp, parous		x		x
								x		x	
	E-1	Perognathus	02030	RECAP				x		x	went across
	E-3	Perognathus	03020	"					x		x
	E-9	P. californicus	1554	29	RECAP			x		x	
July 22 6/14	E-11	Perognathus	02400	25	♂	SAD	TND	x		x	x
		P. boylii	03410	RECAP				x		x	
								x		x	
	W-5	Pb	02030	22.5	♂	m	scrotal	x		x	
	W-5	Pb	0221	20	♂	m	TND		x		x
	W-9	Perognathus	01220	24	♀	m	lact		x	x	
	W-11	Perognathus	03010	RECAP				x		x	
	W-13	Perognathus	2340	17.5	♀	Sad	Imp, null		x		x
	W-13	P. b.	0440	RECAP				x		x	
	Closed 11	E-3	Perognathus	2230	"		lact	x		x	x
	E-3	Perognathus	03020	"					x	x	x
	E-7	Perognathus	02410	21.5	♀	m	Imp, par		x		x

1758 P. calif. 16.0 ♀ Imm Nullip  
covered w/ Golden Brown

- trapped at wood pile  
- returned to lab

KIBBLE, D.O.  
1984

Journal - DORSET FENCE

Hasting Reservation, Monterey Co., Calif

GRUDM

	St	Spp	No	WT	Sex	Age	Bridg	Caught		Released	
								IN	OUT	IN	OUT
5/11 July 22 (Cont)	W9	P. b	01030	21.5	♀	m	Imp par	X		X	
	W11	Pterognathus	02420	—	♂	m	TND	X		X	
	Start over weighing animals ↓										
July 23	W-5	P. californicus	0200	37	♂	m	scrotal	X		X	
	W-5	P. boylii	0221	22.5	♂	M	TND		X		X
6/14	W-9	Pterognathus	02240	20.5	♀	M	up, parous		X		X
	W-11	Pterognathus	03010	18	♂	Im	TND	X		X	
W-02101	W-13	Pterognathus	03030	16.5	♀	Im	up, null		X		X
	W-13	Pl	0440	21	♀	M	up, parous	X		X	
	E-1	Pl	02430	22.5g	♂	M	scrotal	X		X	
	E-3	Pterognathus	02230	21	♀	M	up, lact		X	X	
	E-5	Pterognathus	02440	18	♂	SAD	TND		X		X
W-03430	E-5	Pterognathus	02440	20.9g	♂	Im	TND	X		X	
Success = 7/12	E-9	Pterognathus	02420	25	♂	M	TND		X		X
	E-9	P. californicus	1554	30.5	♀	SAD	up, nullip	X		X	
	E-11	Pl	03410	24g	♂	M	scrotal	X		X	
July 24	W5	Pl	0221	Recap				X		X	
	W5	Pl	01041	19	♀	M	up, parous		X		X
6/14	W-7	Pterognathus	01310	25.5	♂	M	scrotal		X		X
	W-9	Pterognathus	02240	Recap				X		X	
	W-11	Pterognathus	01220	21.5	♀	M	lactating	X		X	
	W-13	Pl	0301	17	♀	Em	up, nullip		X		X
	E-1	Pterognathus	03000	20.5	♂	SAD	TND	X		X	
	E-3	Pterognathus	02230	Recap			lact.		X	X	
5/11 cloud-1	E-3	Pterognathus	02440	14				X		X	
	E-9	Pl	03410	11				X		X	
	E-11	P. californicus	1554	31	Recap			X		X	
July 25	E-1	Pterognathus	03000	Recap				X		X	
	E-3	Pterognathus	02230	"			P-lact?		X	X	
Success = 6/11	E-5	Pterognathus	02440	"					X		X
	E-9	Pterognathus	02420	11				X			X
cloud-1	E-9	Pl	03410	"				X		X	
	E-11	P. californicus	1554	30g				X		X	
	W-1	Pl	03110	23g	♀	M	up, parous	X		X	
	W-5	Pterognathus	02240	Recap				X		X	
	W-5	Pl	0221	1					X		X
Success = 8/14	W-9	P. californicus	0200	37	Recap			X		X	
	W-9	Pterognathus	01220	Recap			lactating		X	X	
	W-11	Pterognathus	02340	17.5	♀	Im	nullip	X		X	
	W-13	Pl	03340	23.5	♂	M	scrotal (band)	X		X	
	W-13	Pl	0440	Recap				X		X	
July 26	W-1	Pl	03110	Recap				X		X	
(2)	W-5	Pterognathus	02240	"					X		X
	W-9	P. californicus	1773	27	♂	SAD	TND	X		X	
	W-9	P. californicus	0200	30	Recap				X		X
	W-11	Pterognathus	02330	21	♂	SAD	TND		X		X





JOURNAL-DRIFT FENCE

GRID MC Craft Inc

		St	SPD	No	WT	Sex	Age	Bridg	Caught in net	Released in net	
6/19 July 26 (cont)		W-12	Perognathus	02340	Recap				X	X	X
		W-13	Pb	03340	"				X	X	X
		E-1	Dlo	0440	"				X	X	X
		E-3	Perognathus	02230	"				X	X	X
5/15 closed-1		E-5	Perognathus	02440	"				X	X	X
		E-9	Pb	01031	22.5g	♀	M	up, paras	X	X	X
		E-11	Pb	03410	Recap				X	X	X
		W-1	Pb	03110	Recap				X	X	X
7/19 July 27		W-5	Perognathus	02240	"				X	X	X
		W-9	P. californicus	0200	35	Recap			X	X	X
		W-9.5	Perognathus	01220	Recap			lact	X	X	X
		W-11	Perognathus	02340	"				X	X	X
closed-1		W-13	Pb	0440	"				X	X	X
		E-1	Perognathus	02230	"				X	X	X
		E-3	Perognathus	03140	14	♂	Imm	TND	X	X	X
		E-5	Perognathus	02440	Recap				X	X	X
5/15		E-9	Perognathus	02410	22.5	♀	SAD	up, nullip	X	X	X
		E-11	Pb	03410	Recap				X	X	X
			Start over weeding								
closed-1. July 28		W-1	Pb	03110	22	♀	M	up, paras	X	X	X
		W-5	Perognathus	02240	20.5	♀	M	up, paras	X	X	X
		W-9	P. californicus	0200	33	♂	M	TND	X	X	X
		W-12	Perognathus	03030	19	♀	SAD	nullip	X	X	X
juv-02101 5/14		W-13	Pb	0440	20.5	♀	M	up, paras	X	X	X
		E-1	Perognathus	02230	19.5	♀	M	up, p-1	X	X	X
		E-3	Perognathus	03200	16.5	♀	M	nullip	X	X	X
		E-5	Perognathus	03020	8.5	♂	Imm	TND	X	X	X
03430		E-7	Perognathus	02440	17	♂	SAD	TND	X	X	X
		E-9	Perognathus	03140	13	♂	Imm	TND	X	X	X
		E-11	P. californicus	1554	29.5	♀	Imm	nullip	X	X	X
		E-13	Pb	0410	21.5	♂	M	TND (up, paras)	X	X	X
03200		W-1	Pb	03110	Recap				X	X	X
		W-5	Perognathus	01220	21.5	♀	M	lact	X	X	X
		W-9	P. californicus	1206	38.5	♂	M	TND	X	X	X
		W-11	Perognathus	02240	Recap				X	X	X
closed-1 success = 8/17		W-13	Pb	01301	17.5	♀	Imm	nullip	X	X	X
		W-11	P. californicus	0200	33	♂	M	TND	X	X	X
		W-13	Pb	0440	Recap				X	X	X
		W-13	P. californicus	0100	42.5	♀	M	up, paras	X	X	X
July 29		E-1	Perognathus	02230	Recap				X	X	X
		E-3	Perognathus	Returned to lab					X	X	X
		E-5	Perognathus	03020	Recap				X	X	X
		E-7	Pb	01021	20	♀	M	up, paras	X	X	X
closed success = 7/15		E-9	P. calif	1554	29	Recap			X	X	X
		E-10	Perognathus	03140	14	♂	Imm	TND	X	X	X
		E-11	Pb	0410	Recap				X	X	X



RUBBLE, D.O.  
1989

burial - Drift Fence

Hastings Reservation, Monterey Co., Calif

Ground Drift Fence

	St	Spp	No	Wt	Sex	Age	Bdy	Caught		Released	
								in	out	in	out
July 30	W-1	Pl	03111	Recap				x		x	
	W-5	P. californicus	1206	30	♂	M	TWD (regress)		x		x
-02101 9/118	W-7	Perognathus	02240	Recap			Reg, paras	x		x	
	W-9	P. californicus	1381	44	♀	M	imp, paras	x		x	
-05430	W-10	Pl	01301	16	♀	SM	imp, null	x		x	
	W-11	Pl	03340	23	♂	M	scrotal		x		x
Hus-0320	W-12	Perognathus	02330	23	♂	M	TWD	x		x	
	W-13	Pl	0440	Recap				x		x	
5/14	W-13	P. californicus	0100	43	Recap				x		x
	① E-2	Perognathus	03210	16.5	♀	SAD	null	x		x	
5/14	E-3	Perognathus	03020	Recap					x		x
	E-9	Pl	03410	22.5	♂	M	TWD (regress)	x		x	
5/14	E-9	P. californicus	1554	27.5	Recap				x		x
	E-10	Perognathus	02020	25	♂	M	TWD	x		x	

Traps closed and removed(!) leaving passageways open (for a while...)



RIBBLE, D.O.  
1989

JOURNAL-DRIFT FENCE

Hastings Reservation, Monterey Co., Calif.

GRID MC: HERPS ONLY

	ST	SPP	NO	WT	SEX	AGE	BEDS	Caught		Released		
								IN	OUT	IN	OUT	
Jan 5	W-2	Ensatica	Ne 02120		?	M	no		x		x	
Jan 6	W-3	Ensatica	02120	RECAP				x		x		
Jan 11	E-8	Ensatica (New)	02120		?	M	no		x		x	clipped wrong
Feb 4	E-8	Ensatica	02120	RECAP!				x		x		
March 2	W-2	Ensatica	02130		?	M	no	x		x		
March 10	W-10	Ensatica	02140		?	M	no	x		x		
March 10	E-4	Ensatica	02200		?	M	no	x		x		
March 3	W-6	Ensatica	02240		?	M	no	x		x		
April 19	W-3	Ensatica	N		Q		Ground	x				returned to MOZ

$$\begin{array}{r} 7 \\ 75.0 \end{array}$$

$$\begin{array}{r} MC-12 \\ 32 \\ \hline 44 \\ + 16 \\ \hline 60 \end{array}$$

on MC BD

Shadows  
R.C. east? ~~||||~~ ~~||||~~ ~~||||~~  
west = 16

# Species Accounts

## 1989

Hasting Reservation  
Monterey Co.,  
Calif.





PIBBLE, D.D.  
1989

PEROMYSCUS CALIFORNICUS

Hastings Reservation, Monterey Co., Calif

Jan 4 This PM on GRID MC I dusted the following <sup>females</sup> animals:

# 0100, 46g, lactating, dusted RED, st 8,4.

# 020, 45g pregnant, dusted PURPLE, st 10,4.

# 1462 ♀ SAD, imp, nullip. 29g. Ear-tagged. GRID MC, st 11,15. Tissues collect

Jan 5 # 1464 ♂ Early Mat, TND. 35g. " - " " " st 11,16. " "

Both of these animals are presumably immigrants. No sign of powder on either.

This AM on GRID MC the following Pigment data was observed.

♂ # 1206, scrotal, covered with visible RED powder at 7,4 (from 0100)

♂ # 1212 (030), scrotal, covered with visible PURPLE powder at 9,4 (from 020)

This PM on GRID MC I caught ♂ # 1111, scrotal, st 9,9; covered with ORANGE powder (from 1351). Also, I dusted ♀ # 1460, imp, st. 9,18 with GREEN powder.

Jan 6 # 1466 ♀ SAD, imp, nullip. 30g. Ear-tagged. GRID MC, st 11,5. Tissues coll. Covered with PURPLE powder; ∴ offspring of ♀♀ 020  
16 day old - born, born 4 Jan Nov 88

Jan 7 This AM on Grid MC I redusted ♀ 1351, lactating, with ORANGE powder at station 9,8.

Jan 8 This AM on GRID MC I redusted ♀ 0100 with RED powder at 7,4; and ♀ 1460 with GREEN powder at 9,17

This PM on GRID MC caught ♂ # 040 covered with GREEN powder at station 10,17; also caught the following new animal -

# 1467 ♀ Imm, nullip. 11.5g. Ear-tagged. GRID MC, st 10,9. Tissues coll. \* covered with Orange powder, ∴ offspring of ♀♀ 1351.  
15 day old, born on 24 Dec 88

Jan 9 This PM on GRID PC I dusted the following females:

1979, imp, parous. 43g. Dusted RED. st 7,17.

030 (1388), imp, parous. 41g. Dusted BLUE-GREEN. st. 5,15.

1364, Perf, nullip. 40g. Dusted BROWN. st. 6,13.

1225, imp, parous, early preg?, 41g. Dusted PURPLE. st 6,9



RIBBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS

2

Hastings Reservation, Monterey Co., Calif.

Jan 10 This am on GRID RC I dusted ♀ #020, imp, early preg?, 45.5g, with ORANGE at 4,9. Also, caught ♂ #1233 at 6,10 covered with visible BLUE-GREEN (from ♀ 030) and also ♂ #0400 had some BLUE-GREEN visible around ears and on feet. I need to examine this animal in the dark, but I suspect he might have crossed the trail of powder that #030 left behind.

This PM on GRID RC I dusted ♀ #0100, imp with ORANGE powder at station 6,14. I think she is formerly #1389, but I should <sup>(done 11 Jan)</sup> collect her tail tip to compare to that of 1389 previously collected. Caught ♂ #1455 with very faint RED powder in its ears, probably old.

Jan 11 This am on GRID RC, <sup>(st 6,13)</sup> caught ♂ #1155 with Brown visible <sup>(from #1304)</sup> in ears and on tail; ♂ #1257 with ORANGE visible in ears, st 4,9 (from #020); and I dusted ♀ #1421, 3kg, imp, with GREEN powder at station 4,8.

This PM on GRID RC I redusted ♀ 1225, st 6,11; with PURPLE powder.

Jan 12 This AM on GRID RC I redusted ♀ #020 with ORANGE powder at station 4,9. Also caught ♂ #1264 with PURPLE powder (from ♀ 1225) covering his head, feet, and tail (clearly visible) at 5,11

This PM on GRID RC I redusted ♀ 1479, st 6,18 with RED powder; and caught ♂ #1233, st 5,14; with BLUE-GREEN visible on mouth & tail (from ♀ 030); ♂ #0130 covered with PURPLE at 6,10 (from ♀ 1225); and ♂ 1257; st 4,9, covered with ORANGE powder (from ♀ 020).

Jan 13 This AM on GRID RC I redusted ♀ #030 with BLUE-GREEN powder at st. 6,15.

Jan 14 This PM on GRID RC caught ♂ #1155, st 6,13 with definite Brown in his ears <sup>(from ♀ 1304)</sup>. #1478 ♂ mature, scrotal (barely). 35.5g. Ear-tagged. GRID RC, st 5,10. Tissues coll. No sign of powder, presumably an immigrant.



RIBBLE, DO  
1989

Peromyscus californicus

3

Hastings Natural History Reservation, Monterey Co., Calif

Jan 23 #1480 ♂ Immature, TNO. 22g. Ear-tagged. GRID MC, St 8, 4. Tissues coll.  
No sign of any powder. Either ♀♀ 020 or 0100. Should confirm w/ powder this week.  
♀♀ # 0100 - see acct 26 Jan. 43 Days old. - bon

#1481 ♀ Immature, nullip. 16.5g. " - " . GRID MC, St 9, 9. Tissues coll.  
No sign of any powder. Prob. ♀♀ 1351 based on location and similar wt to 1407. Should confirm w/ powder this week. - YES, see 25 Jan.

This PM on GRID <sup>MC</sup> ~~EE~~ I dusted ♀ #1460 perf, with GREEN powder at station 10, 17. Her vagina was full of a brownish, gelatinous mass - not sure what this substance is? - Also dusted ♀ #1351, 39g, post-lactating with ORANGE powder at station 9, 10.

Jan 24 This AM on GRID MC I dusted ♀ #020, 41.5g, lactating, with <sup>(confirmed at night)</sup> PURPLE powder at st. 10, 4. Caught ♀ 1407 covered with visible ORANGE powder (offspring of 1351) at 9, 13; and ♂ 040 scrotal covered with visible GREEN powder (from #1460) at 8, 17. <sup>(Confirmed this PM)</sup>

This PM on GRID MC I dusted ♀ #0100, 42.5g, post-lact, with RED powder at station 8, 4.

Jan 25 This AM on GRID MC I redusted ♀ #020, lactating, with <sup>PURPLE</sup> ~~ORANGE~~ powder at 11, 5; and caught ♂ #1111, scrotal covered with visible ORANGE powder (from ♀ 1351) at 9, 8. and ♀ #0100 with RED at 7, 4;

This PM on GRID MC I redusted ♀ #1460 with GREEN powder at st 9, 17; caught ♀ #1481 imm, at <sup>10</sup> 8, 9 with ORANGE powder visible around mouth and on all feet (confirming ♀ 1351 as ♀♀); caught ♂ #1206, st 8, 4 covered with RED powder (from ♀ #0100); and finally, caught ♂ #1404, scrotal at 11, 16 covered with what appears to be RED powder - at first I couldn't tell if it was RED or ORANGE. Appears too dark for ORANGE, but not as dark as RED. Perhaps it has both colors?? Need to keep an eye on this male!

definitely  
RED!!!

Jan 26 This AM on GRID MC I redusted ♀ 1351 with ORANGE powder at 9, 10.





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1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

Jan 26  
(cont)

This PM on GRID MC I caught ♂ 1480, imm, covered with RED powder at station 8,4 (confirming ♀ 0100 as mother).

Jan 27

This AM on Grid MC I redusted ♀ 020, lactating with PURPLE powder at st 10,4.

At 0930h this am I weighed all the captive babies and then conducted a dyadic encounter experiment using the plexiglass <sup>"arena"</sup> tube (9 in diameter) Bob Jones supplied. I placed the arena in the right half of ♀ 1441's, ♂ 1410's enclosure. I first introduced ♂ 1412 (from the other enclosure) and he huddled against the side. I then introduced ♂ 1410 (resident) and both males began jumping around like they were trying to escape but then within ~5 sec ♂ 1412 jumped on 1410 and they proceeded to wrestle with 1410 on the bottom. Since this was so violent I immediately pulled the arena out and both mice retreated to opposite corners. I put ♂ 1412 back in his enclosure and noted his right front paw was bleeding from 2-3 small cuts (not badly, should be okay). Need to test the arena in the field, but this first test went as hoped.

This PM on GRID MC caught ♀ # 1466 at 10,15 covered with fresh PURPLE powder (from <sup>[mouse]</sup> ♀ ♀ 020), and ♂ # 1212, scotad at 9,10 covered with fresh PURPLE powder (from ♀ ♀ 020).

After checking traps this PM I conducted a dyadic encounter between ♂'s 1464 (visitor) and 1206 (home mouse) at station 7,4. Virtually nothing happened! Both mice stayed in <sup>the same</sup> ~~one~~ position the entire time - huddled with head against side of enclosure. After 4 mins I put #1464 on top of 1206 to try to elicit some response - then they just huddled together! Data recorded on behavior data sheets.





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1999

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Jan 29 #1484 ♂ <sup>white-tail tip</sup> Mature, scrotal, 38g. Ear-tagged. GRID WR, St 6, 6. Tissues coll.

1485 ♂ SAD, TAD. 31g. " - " " " St 3, 3. Tissues coll.  
Perhaps sibling of 1429 caught at 2, 3.??

This am I conducted dyadic encounters on GRID WR between the following:

<u>home</u>	<u>visitor</u>	<u>results</u>
1121 scrotal ♂	1435 ♀ lactating	♂ approached several times w/ no response
1175 ♀ lactating	1118 ♂ scrotal	♀ attached but ♂ didn't respond
1116 scrotal ♂	1484 ♂ scrotal	both approached w/ no response

Still nothing exciting, I think the enclosure is too small.

Jan 30 Conducted another dyadic test on WR this am:

<u>home</u>	<u>visitor</u>	
010 ♀ lactating	1175 ♀ lactating	- nothing but a few approaches

Also, this AM I caught ♀ 1462 on MC drift fence St E-11 (out) potential disperser - she was covered w/ PURPLE powder (from ♀ 020). Perhaps she is offspring of #020?? Should check DNA!

Jan 31 This AM on MC drift fence I dusted ♀ #0340, pregnant with ORANGE powder at E-8 (out).

Feb 1 Conducted 2 dyadic encounters this am on GRID WR -

<u>home</u>	<u>visitor</u>	
1175 ♀ lactating	1429 ♀ (SAD)	- both animals seemed only concerned with getting out. The SAD did approach & sniff the other ♀ with no response.

1116 ♂ scrotal	1485 ♂ (SAD)	- SAD spent most of the time approaching & sniffing (sticking nose in pelage) adult all over body - Mature animal attached once.
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Feb 2 1488 ♂ Mature, scrotal. 39g. Ear-tagged. GRID WR, St 2, 3. Tissues coll.

This PM on GRID RC I dusted the following females:

#1979, 40.5g, imp. RED. St 6, 17

#030, 41.5g, imp. BLUE-GREEN, St 5, 14

#1225, 41g, imp. PURPLE, St 5, 11

Feb 3 This AM on GRID RC I dusted ♀ #020, 44g, imp, St. 4, 6 with ORANGE; as

♀ #1364, 38g, lactating!, with GOLDEN BROWN at 4, 13.



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Feb 3. (cont) Also, caught ♂ #0400, scrotal, at 5,14 covered with BLUE-GREEN powder (from ♀ #030).

See Journal for acct of ♀ 0340 birth in trap

Feb 4 This AM on GRID RC caught ♂ #1257 covered with ORANGE powder at station 4,16 (from ♀ #020).

Feb 16 This PM on GRID RC I dusted the following ♀s:

#1979, imp, 40g. DUSTED RED.

#1225, imp, 39g. DUSTED PURPLE.

Feb 17 This AM on GRID RC I dusted the following ♀s

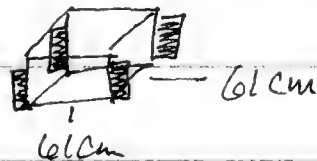
#1364, lactating, 38.5g. Dusted GOLDEN BROWN.

#030, perf, 41g. Dusted BLUE-GREEN.

Also caught ♂ #1155 at 8,18 covered with visible RED (from 1979♀).

This PM on GRID RC I dusted ♀ #020, pregnant, 53.5g, St-5,8. with ORANGE powder. Caught ♂ #1155, St-4,13; covered with GOLDEN BROWN powder (from ♀ 1364).

This PM I conducted a dyadic encounter in a new arena I built this afternoon. The sides are made of acrylic sheets, 24" x 18" (61cm x 45.7cm high, 3721 cm<sup>2</sup> total area on floor). The top and bottom are open. eg:



I conducted a test between ♂ #1155 (home animal) and ♂ #0400 (visitor, from 6,15) at station 4,13. Surprisingly ♂ #0400 attacked 1155 and they wrestled for ~2 secs, but neither animal retreated, so there was no clear "winner". This enclosure seems very adequate, as both mice were very active. I do need to rig some special light, because they seemed to avoid the side closest to me and my headlamp.



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1969

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Feb 18 This AM on GRID 21 I caught ♂ #0400 <sup>St 6,13</sup> with visible BLUE-GREEN in his ears (from ♀030) and ♂ #1257, St 4,9; covered with visible ORANGE powder in his ears (from ♀#020)

Feb 19 This AM early (0500h) caught ♂ #0400 covered with BLUE-GREEN powder at 6,15. I also redusted ♀1225, St 5,11; with PURPLE POWDER; ♀1364, lact, St 5-13, with GOLDEN BROWN; and ♀#020, pregnant, St 4-9 with ORANGE powder.

I also conducted 4 dyadic encounters this am. Things worked out much better today. Note that the arena works best when the supports are up, allowing the ground edges to be dug into the ground. The light seems to work well without bothering the mice (at least not noticeable). Finally, 10min observations should be done because most of the action seems to happen in the last 5min. I finished the last encounter about using lights due to sunrise (finished by 0700h). The data appeared good from this last one, but I wouldn't go past 0700h.

Summary: Home Visitor Comments

0530h	1364 ♀ lact	1264 ♂	1264 dug out 1 1/2 mins after starting. Before that the female appeared dominant, but don't count.
555h	1155 ♂	1979 ♀	- 1979 continually approached ♂ with no response. Call this neutral, although 1979 attacked once.
0620h	020 ♀ preg.	030 ♀	- 020 attacked 4 times with 3 retreats by 030. 020 winner
0645h	1257 ♂	1414 ♂	- 1414 clearly submissive.

Feb 20 This am on GRID 22 I caught ♂ #0130 with PURPLE visible in his ears and tail, somewhat faint.

Also, I dusted ♀ #1381, 40g, pregnant, with GOLDEN BROWN pigment at MC drift fence, St W-9 (in).



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1989

PEROMYSCUS CALIFORNICUS

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Feb 20  
(cont)

Conducted 4 more encounters this am. Summary -

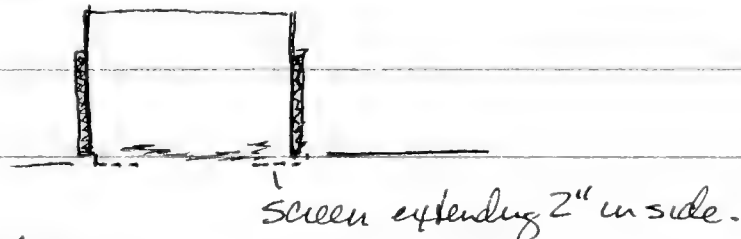
Home	Visitor	
1979♀	12690♂	- 3 min's into warm up 1269♂ jumped onto the cardboard divider, then out!
<del>12640♂</del>	<del>12640♂</del>	

12640♂	1225♀	<sup>no aggression</sup> <del>12640♂</del> dug under and out!
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030♀	0130♂	first 2 min's the ♀ was clear aggressor, but the she escaped out under edge!
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1364♀ last	12570♂	mostly neutral until end when ♂ approached ♀, she attacked, and he retreated.
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Obviously, something needs to be done to prevent escapes. This afternoon I added ~ 2 in of 4" hardware <sup>screen</sup> ~~cloth~~ around all 4 bottom edges to. Hopefully this will enable me to cover up the ~~cloth~~ screen with litter and prevent escapes. Side view:



This PM on GRID MC I dusted ♀ 1364 <sup>lactating</sup> with GOLDEN POWDER at 4,13 (after dyadic encounter, see below), and ♀ #020, 44.5g, lactating with ORANGE at 4,9. \* Caught 020 this am, pregnant; thus, she gave birth today. Conducted a dyadic encounter between these 2 ♀'s this evening at 2235h. I divided APPROACH category in "Approach" (no agnostic interaction) and "Offensive Approach" (agnostic interaction results) - have seen both of these and think I should record it as such.

The encounter tonight has to be defined as Neutral, no aggressive interactions observed.

Feb 21 This PM on GRID MC I dusted the following mature females:

0100, ♀, 45g, lactating, RED powder, St 8,5.

020, 43.5g, post-lact, preg?, PURPLE powder, St 11,5.

1460, 42.5g. <sup>teats swollen but dry.</sup> ~~lact?~~ <sup>No lactating 23 Feb.</sup> Maybe litter add?, GREEN powder, St 9,17





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Feb 22 This AM on GRID MC I dusted ♀ 1351, 34g, barely lactating with ORANGE powder at Station 10, 14; and ♀ 1381, 43.5g, lactating with BROWN powder at St W-9 on the drift fence. Note that 1381 was pregnant 20 Feb, am.

This PM on GRID MC I caught ♀ 1481 um, St 10, 9; ~~and~~ ♀ 1467 um, St 10, 10; and ♂ # 1111, scrotal, St 9, 10; all covered with fresh ORANGE powder from 1351. Caught ♂ 1206, scrotal at 8, 4; covered with fresh RED powder (from 020). Caught ♂ # 0200, drift fence W-9, covered with BROWN.

Conducted a dyadic encounter between ♂ 1206 (home) and ♂ 0400 (visitor) at 8, 4. Boring - definitely neutral.

Feb 24 #1496 ♂ 1mm, TWD. 22.5g. Ear-tagged. GRID MC, St 11, 5. Tissues coll. Covered with Purple powder: - offspring of ♀♀ 020 (1186)

This am I <sup>re-</sup>dusted the following animals after conducting dyadic trials (see below)  
♀ 020, PURPLE, St 10, 4, Post-lactating. 41g.

♀ 1460, GREEN, 9, 17. Lactating

♀ 1351, ORANGE, 9, 13. Lactating.

This am (0530 - 0645) I conducted three dyadic trials. Note the arena worked fine, although it is a pain in the ass to lug around.

Home	Visitor	Summary
1351 ♀ lact	1464 ♂	1351 ♀ barely dominant.

1111 ♂ (drift fence)	020 ♀ p-lact	1111 dominant because 020 very shy/dish
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0200 ♂	1460 ♀ lact	1460 ♀ clearly dominant.
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Feb 25 Caught ♂ # 040 This AM on GRID MC, St 10, 17 covered with fresh GREEN (from 1460)

Conducted the following dyadic encounters this am, using a tape-recorder (much preferred!)

Home	Visitor	Summary
040 ♂	1464 ♂	Neutral encounter until after 10 min

0100 ♀	1351 ♀	0100 clear aggressor, but 1351 jumped out at 4:16
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1460 ♀	1481 um ♀	1460 clearly dominant. * Note that 1481 was covered (ears, mouth, feet) with ORANGE, but after the encounter 2-3 mm <sup>2</sup> patch of GREEN (from 1460) was visible on her flanks, particularly the right one.
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Hastings Reservation, Monterey Co., CalifFeb 25  
(cont)

This PM on GRID MC I dusted ♀ 1460, lactating with GREEN powder at station 8, 17, and ♀ 1351, 38.5g, not lactating with ORANGE powder at 9, 12. Female #020 was caught in a trap at 11, 5 by the posterior ~3cm of tail and rolled down the hill ~6m. I clipped off her tail that was badly mangled (froze it the next day) and released her in relatively good shape.

#1497 ♀ SAD, nullip. 32g. Ear-tagged. GRID MC, St 11, 16. Tissues coll. next am. She was covered with very fresh RED powder from ~~GRID~~ <sup>GRID</sup>. Not sure if she is offspring, but note that 1464 was caught at this same station 25 Jan with RED powder. Need to check DAD to see if 1497 & 1464 are offspring of 020.

Feb 26 This AM on GRID MC I caught ♂ 1212 at 9, 4 with visible purple in his ears (from 020)

Feb 27 This AM on GRID WR I dusted ♀ 1175, <sup>43g.</sup> perf, lactating, with GREEN powder at station 8, 5.

Feb 28 <sup>new</sup> #1498 ♂ Mature, scrotal. 38g. Ear-tagged. GRID WR, St 7, 7. Tissues coll.

This am (early!). conducted the following 3 dyadic encounters.

Home	Visitor	Summary
1175 ♀ lact	0110 ♂	One attack by 1175, otherwise neutral.
1435 ♀ perf	1121 ♂	Definitely neutral, spent alot of time huddled.
1495 ♂ SAD	1488 ♂ SD (Barn?)	Definitely neutral.

I dusted ♀ 1135, <sup>4</sup>perf, parous, 43.5g with ORANGE powder at station 6, 5 before releasing her.

This PM on GRID RC I dusted the following ♀'s:

1364, 38g, post-lact, perforate. St 4, 13. GOLDEN BROWN

030, 43.5g, perforate. St 5, 13. BLUE-GREEN.

March 1

This AM on MC dust + fence, dusted ♀ #1391, lact, with BROWN at W-9.

This AM on GRID RC I caught ♂ 1155, scrotal, St 5, 13 with GOLDEN BROWN visible in his ears.



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PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

March 1 On GRID W2 this am I redusted ♀ 1175 lactating with GREEN  
(cont) powder at st 8, 5.

March 2 This AM on GRID WR I redusted ♀ 1435, 46g, lactating, with ORANGE  
powder at st. 5, 4; caught ♂ 1118, scrotal at 6, 5 with ORANGE

visible in his ears (from 1435); and ♂ 1116 scrotal at 8, 6 covered  
with fresh GREEN powder (from 1175).

# 1500 ♀ SAD, reif, nullip. <sup>39.5g</sup> Ear-tagged. GRID WR, st 12, 10.

\* covered with GREEN, - offspring of ♀ 1175  
1501 ♀ Imm, nullip. 16.5g. " " " " st 7, 5.

1503 ♂ Mature, scrotal. 46g. " " " " st 1, 1

1504 ♀ Early SAD, nullip. 25g. " " " " st 3, 2

Tissues collected.

March 3 1505 ♂ Mature, TAD (close) <sup>whole-tail tip</sup> 37.5g. " " " " st 7, 6. Tissues coll.

1506 ♂ SAD, TAD. 28.5g. " " " " st 2, 2. " "

\* This male had his right rear ~~leg~~ broken midway on fib-fibula.

Decided to keep him in captivity w/ ♀'s 1490 & 1491 (see capture data).

1507 ♀ Imm, nullip. 15.5g. " " GRID RC, st 5, 12. Mouse  
covered with Golden Brown powder, - offspring of 1364. Collected  
tissues this PM & released her next morning. 25 days old

March 4 This am on GRID RC, I dusted ♀ 1364, 39g, definitely lactating,  
with Golden Brown at st 5, 13.

March 10 # 1508 ♂ Imm, TND. 27g. Ear-tagged. GRID MC, st 11, 5. Tissues collected  
yes! see 13 March No sign of powder, prob. offspring of #020 (18g) based on locality and same  
size as #1496 (like male). Need powder to confirm maternity. 54 days old

# 1509 ♀ Imm, nullip. 20.4g. " " GRID MC, st 9, 18. Tissues coll.  
Green powder visible in ears, feet, mouth - offspring of 1460.  
38 days old.

March 11 # 1510 ♀ Imm, nullip. 18.5g. " " " " st 9, 17. Tissues coll.  
yes! see 13 March Didn't check for powder (am capture), but certainly offspring of 1460 based  
on locality and similar wt to 1509 (above).

This AM on GRID MC I dusted the following females:

# 0100, 47.5g, <sup>st 9, 4</sup> ~~lactating~~ lactating/pregnant, Dusted RED. # 020, 48g, preg, lactating  
(barely), Dusted PURPLE, st 10, 6; # 1351, 43g, lactating, Dusted ORANGE.





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1989

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Hastings Reservation, Monterey Co., Calif

March 12 This PM on GRID MC caught ♀ 1509 at 8.17 with GREEN visible in its ears (offspring of 1460).

March 13 This AM on GRID MC I dusted ♀ 1460, 42.5g, post-lactating, pregnant? with GREEN at 9.18; ♀ 1351, 40g, lactating, w/ORANGE at 9.8. Caught ♀ 1496 with PURPLE visible in ears, tail, feet at 11.5.

This PM on GRID MC I caught the following mice w/ powder:  
#1508, St. 11.5, Imm ♂, Purple in ears, mouth. ~~St 11.5~~

#1510, St 9.17; Im ♀, GREEN all over.

#1111, St 9.13, Scrotal ♂, ORANGE all over.

March 14 This AM on GRID MC I caught the following mice w/ powder:

#040, scrotal ♂, St 10.17; GREEN visible in ears, penis.

#1206, scrotal ♂, St 7.4; RED visible in ears, tail

#1480, scrotal ♂, St 9.6; <sup>see next day</sup> PURPLE? visible in ears - need to confirm this in dark, may be RED - supposed young of ♀♀ 0100 (red)

March 15 Caught #1480 at 9.6 on GRID MC this AM (early), and RED powder is barely visible in his ears and around mouth.

Conducted the following 2 encounters this am on GRID MC:

Home	Visitor	
040 ♂	1480 ♂	} In both cases, the home-breeding individual did most of the approaches (all neutral); but the visitor attacked & squealed upon approach, eliciting retreats in some cases. - bizarre!
1351 ♀	1497 ♀	

Finally this am on RC drift fence I dusted the following ♀♀'s.

#1421, 36.5g, peak, St W-3 (in) - GREEN.

#020, 49g, barely lact, preg, St W-4 (out) - ORANGE.

March 16 Caught ♀ 1481, SAD, St 9.6 this am with faint orange in ears/mouth (offspring of 1351)

Conducted the following 2 dyadic encounters this am:

Home	Visitor	
040 ♂	0100 ♀ lact.	Spent last 3:45 min huddled together. Definitely neutral!!

1110 ♂	1480 ♀ lact.	♀ slightly more aggressive, definitely not as amicable as above.
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ZIBBIS, D.D.  
1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co. Calif

March 16. Redusted ♀ 0100, definitely lactating, with RED powder before releasing her at station 8, 4. GRID MC.

March 17 Early this AM I conducted the following dyadic encounters:

Home Visitor  
1460 ♀ ~~last~~ 1490 ♂ Neutral w/ ♀ approaches > ♂ approached

0100 ♀ last 1497 ♀ (offspring) Definitely neutral! Animals were either still or huddled during the test.

I redusted ♀ 1460, 41g, not lactating with GREEN powder at station 8, 17 to GRID MC, before releasing her after the encounter.

On Redraft fence, St W-3 I caught ♂ #010 with GREEN powder visible in his ears and tail (from 1421)

This PM on GRID RC I dusted the following ♀♀'s:

030, 54g, pregnant, BLUE-GREEN, St 5, 16

1979, 43g, imperf, RED, St 7, 17

1304, 38g, perf, post-lact (no milk), GOLDEN BROWN, St 6, 13

1225, 425g, perf, early-preg??, PURPLE, St 6, 10

March 18 This AM on GRID RC I dusted ♀ #020, 47g, lactating, with ORANGE powder at St. 8, 9. Caught ♂ 1155, scrotal at 4, 13, with obvious visible BROWN powder in his ears.

<sup>on GRID RC</sup>  
This PM I caught ♀ #030 at 5, 14, 45.5g - Parturition today (pregnant this am)., also caught ♂ 1257, St 4, 8; covered with fresh ORANGE all over (from ♀ 020)

March 19 This AM on MC draft fence, St W-5, caught ♀ 1301, 46g, post-lact; dusted her GOLDEN BROWN & released her out.

On GRID RC this AM caught ♂ #0130, St 4, 10 with PURPLE visible in his ears (from 1225); ♂ 1955, St 9, 17; covered with visible RED (from 1979); and ♂ 0400, St 5, 15, with BLUE-GREEN clearly visible in his ears (from ~~030~~ 030)



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Hastings Reservation, Monterey Co., Calif

March 19 This PM on GRID PC I conducted the following dyadic encounters:

<u>Home</u>	<u>Visitor</u>	
1257 ♂	1364 ♀	Mostly neutral, ♂ - 4 approaches; ♀ - 5 approaches
1155 ♂	1225 ♀	♂ definitely aggressor.

Note that ♂ 1155 is definitely covered w/ Golden Brown. Also, rejected ♀ 1364. Finally, note that ♀ 030 who supposedly gave birth the 18 March, is not lactating. Her teats are not very swollen and the tips are red. Perhaps she lost her litter - Shit!!!

March 20 This AM on GRID PC I rejected the following ♀♀:

♀ 1225, perf, st 6, 10; PURPLE.

♀ 020, 45.5g, not lactating, st W-5, ORANGE.

March 20 #1513 ♂ Imm, TND-, 16.4g. Ear-tagged. GRID PC, st ≈ 2.5, 8. Tissues coll. (cont)  
Mouse covered with ORANGE powder so offspring of ♀♀ #020. Caught at ~ PM, coll. tissues. Following AM. Known to parturition on 20 Feb 1989 between 0800 and 2100h (see spp acct.)

Conducted the following dyadic encounters on GRID PC this PM:

<u>Home</u>	<u>Visitor</u>	
1257 ♂	1979 ♀	♂ had many more approaches, seemingly aggressor. ♂ seemed scared. But, ended in huddle!

0130 ♂ 1364 ♀ Neutral!! spent most of time huddled - may have been due to arena in direct moonlight. Also, ♂

\* 030 had visible GOLDEN BROWN on his back and rear flanks after the test

1155 ♂ 030 ♀ ♀ the aggressor, although ♂ had > approaches.

March 29 1514 ♀ <sup>Imm</sup> ~~SAD~~, nullip. 28.5g. Ear-tagged. GRID WR, st 13, 10. Probably born on grid. Need powder to confirm.

Probable immigrant	1515 ♀ SAD, nullip. 33g. " - " " ", st 11, 9.	Tissues collected
	1516 ♀ SAD, nullip. 34.5g. " - " " ", st 10, 10.	
	1517 ♂ Imm, TND. 27.5g. " - " " ", st 8, 5.	
	Probably born on grid. Need powder to confirm	
	1518 ♂ Early Mat, scrotal. 33g. " - " " ", st 6, 5.	
Probable Immigrant		



ZIBBIE, DD  
1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif.

March 29  
(cont.)

This AM on GRID WZ I dusted the following ♀♀:

1500, 37g, lactating. St 11, 9. PURPLE (newly dusted).

1175, 50g, pregnant, St 8, 6. GREEN.

1435, 51g, lactating-pregnant!, St 4, 4. ORANGE

1429 37g, lactating, St 2, 3. ~~THE~~ BLUE-GREEN (newly dusted).

This PM on GRID WZ I caught ♂ #1118 at 6.5 covered with fresh ORANGE powder (from ♀ 1435)

March 30 #1519 ♂ 16g, TND. Ear-tagged. MCD drift fence, St W-3 (inj. released back out). Coll. tissues. Examined in dark and GOLDEN BROWN clearly visible in ears, around mouth so ♀♀ 1381. Note that age = 26 days old by regression equation. But ♀♀ 1381 known to have given birth 20-22 February!

This PM on GRID WZ I redusted ♀ 1175, pregnant, 53g, with GREEN powder at St. 6, 8. ~~This~~ Also redusted ♀ 1429, lactating, St 2, 3 with BLUE-GREEN powder.

March 31

This AM on GRID WZ I dusted ♀ 1516, 34.5g, imp, nullip, St 15, 15; with RED powder (want to see if ♂ 0110 contacts her). Caught the following animals with clearly visible pigment deposition:

#1501, dm, ♀, St 9, 7; GREEN powder (from 1175, mother); ♂ 1485, 36g, scrotal, St 8, 5, GREEN powder (mate! w/ 1175); and ♂ 1488, 41.5g scrotal, St 1, 1, BLUE-GREEN (mate! with 1429).

#1521 ♀ SAD, nullip. 28g. Ear-tagged. GRID WZ, St 11, 9. Tissues coll. NO sign of any powder, presumably an immigrant. Need to check DAD.

On RL ~~last~~ drift fence, St E-8.5, I dusted ♀ 1183, 52g, pregnant with ORANGE powder.

April 1

Early this am on GRID WZ I redusted ♀ 1500, lact? with ~~per~~ PURPLE powder at station 10, 8; and ♀ 1435, lactating 44g, with ORANGE powder at St 4, 3. Note that on the 29th 1435 was pregnant (51g), and I think she gave birth before the 30th, but forgot to weigh her the 30.



Hastings Reservation, Monterey Co., Calif

April 1  
(cont)

Conducted the following 2 dyadic encounters on WR this am:

Home Visitor  
14880 ♀ 1500

♀ retreated once, otherwise courted

1429 ♀ ♀ 1435

1435-11 approaches, 1429 only 1.

#1523 ♂ Imm, TND. 15.5g Ear-tagged. MC drift fence, St W-7 (out). Tissues coll.  
No sign of powder, but surely offspring of 1381. Need powder to confirm.  
Yes, see 4 April acct.

On RC drift fence this am I dusted ♀ #020, 53.5g, pregnant, St W-3, with ORANGE powder. Also, note that I caught ♀ 1183 at E-8.5, 4log, lactating, thus she gave birth in the last 24 hrs!

April 2 This PM on GRID RC I dusted the following ♀♀:

020, 51g, pregnant, St 4, 9 - ORANGE

030, 46g, perf, parous, St 6, 15 - BLUE-GREEN.

Also caught ♂ #1257, scrotal, St. 4, 8; covered w/ ORANGE powder (from 020)

April 3 This AM on GRID RC I dusted the following ♀♀:

1364, 44.5g, imp, preg, post-lact? (teats extended, not swollen), St 5, 13. Golden Brown

1225, 43.5g, lactating!!., St 5, 10. PURPLE.

On RC drift fence caught ♂ #040, scrotal, St E-8.5 (in). Returned him to dark room and ORANGE powder visible all over (from 1183).

On <sup>RC</sup> drift fences I dusted the following ♀♀:

1183, 41.5g, teats swollen but no milk??, St E-8.3, ORANGE

0340, 44g, pregnant, St E-8.5, GREEN.

new

#1215 ♀ Mature, parous, <sup>Pregnant? - 4 April</sup> ~~post-lact~~ 43g. Ear-tagged. MC drift fence, St 9 (in).  
No milk from teats and seen dry, so I assume she is post-lactating. Collected tissues, dusted her Golden Brown and released her in. (lactating on 4 April)

This PM on GRID MC I dusted the following ♀♀:

1351, 43g, lactating (barely), St 9, 7. ORANGE

020, 46.5g, lactating, <sup>(stuck)</sup> St 11, 4. PURPLE

1440, 45.5g, lactating (barely), St 8, 17. GREEN.





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April 4 This AM on GRID MC I dusted ♀♀ #0100, 49.5g, lactating (barely), St 8,4, with RED powder; caught SAD ♂ #1508 (St 10,4) and Mat ♂ 1212 (St 11,5) covered with visible PURPLE powder (from ♀020) <sup>white-tail tip</sup> #1526 ♂ SAD (late), TND. 34.5g. Ear-tagged. RC drift fence, St W-4 (in). <sup>Collected</sup> tissues.

This PM on GRID MC, west drift fence, I caught Imm ♂'s 1519 and 1523 covered with Fresh GOLDEN BROWN powder (both offspring of ♀♀ 1381).

April 5 #1527 ♀ Early SAD, nullip. 23g. Ear-tagged. MC drift fence, St E-5 (u). Coll tissue. Examined under and no sign of powder: presumably an immigrant.

#1528 ♂ <sup>white tail tip</sup> Imm, TND. 21g. Ear-tagged. RC drift fence, St W-4 (out). Coll. tissues. ORANGE powder clearly visible in ears: offspring of ♀♀ 020.

This PM on GRID RC I radio-collared ♀ 1183, 46g, teats swollen as if lactating but no milk, 10m East of E-7. Radio-collar (Aum) Ch #7. I left her in a cage ~10min and upon release she appeared fine. Dusted her ORANGE.

Also caught ♀ #020, 53g, very pregnant, at station 4,8. I had intended to radio-collar her if she was lactating - decided to wait and redusted her ORANGE. Also caught her mate, ♂ #1257, at ~4,65, ~~with~~ covered with ORANGE.

April 6 This am on GRID MC I caught ♀ 1381, 54g, pregnant, 1m West of W-9. Intended to radio-collar her, but will have to wait until she is lactating (any day??). Dusted her GOLDEN BROWN.

This am on GRID RC I radio-collared ♂ #040, 40.5g, scrotal, presumed mate of 1183, 3m E. of E-8, Channel #4.

This PM on GRID RC we (David Gubernick) radio-collared ♀ 1225, lactating, St 5,10, with radio Ch #10, and dusted her w/ PURPLE. Also changed collar on ♀ 1183 to Ch #2, caught on drift fence at station E-8.

Additionally, caught ♀ 1364, St 5,13, 44.5g, pregnant, dusted GOLDEN BROWN;



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April 6  
(cont.)

Caught ♂ 0400, scrotal, st 6.15 covered with BLUE-GREEN powder

On GRID MC this PM we caught ♂ #1480 at st. 9.6 covered with ORANGE powder. \* This is strange, 1480 is offspring of ♀ 020 (RED) and not ♀ 1351 (ORANGE). Will need to double check DATA !!

~~April 7~~ #1530 ♂ Late SD, 30g Ear-tagged. RC drift fence St E-7 m. Tissues coll 7 April (an).  
No sign of powder: - immigrant

April 7

Caught ♀ 020 St 11.5 this AM on GRID MC and she was definitely lactating. On GRID ~~MC~~ caught ♀ 1351, <sup>not lactating</sup> 41g, St 9.8. On GRID RC this AM caught ♂ #0130, <sup>45g</sup> scrotal, St 5.11; radio-collared him Ch #7, and dotted his tail and body with liquid paper to distinguish him from his ♀ mate (1225). ~~Also MC-collared~~

♀ 1225 St. 4.9, Ch # <sup>45g</sup> Radio-collared ♂ #1257, St 4.8, (mate of #020) Ch #12 and also dotted him with liquid paper (1700h)

We returned to GRID RC to try and put the fiber-optics on a location for ♂ #0130 (mate of 1225). The location was ~6.2, 10.5; on the south side of the stream bank, ~1m high. The hole into the bank was about 10cm wide by 5cm high and a nest was visible with the flashlight ~12cm inside (couldn't reach in with hand).

David set up the fiber optics which enabled us to look inside. The nest looked maintained but no sign of any mice. Telemetry indicated the male was moving around, so he probably escaped down some tunnel. No sign of the ♀♀ (her collar isn't working!).

This PM on GRID RC we removed the radio from ♂ #040 (chewed, but repairable) and re-collared ♀ 1225 Ch #18, and dotted her before releasing her at st 6.10.

April 8

Still out this evening on GRID MC, caught ♂ #1212, 36.5g, scrotal



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April 8 at 10,16. - Left him in trap for possible collaring tomorrow. Radio-collared ♂ 040, 37g, Ch 16, and his mate ♀ 1460, 43.5g lactating, Ch #7. Both animals were caught at 9,17. Dusted ♀ 1460 with GREEN before release

0800h - on GRID MC, we radio-collared ♂ 1212, ch 10 at station 10,16; and his mate ♀ 020, 43g, lactating strong, Ch 4 at station 11,5.

David also got locations on ♂ 040, ♀ 1460 together in fallen, rotting Oak log, ~ 2m long by 0.5m, at ~ 9.2, 17.

Earlier this am (0700h) David located ♀ 1225, ♂ 0130 in the same roosting location as <sup>at 0200h</sup> before (5.2, 10). It looked good for fiber-optics, so we blocked two entrances with rocks or rags to return later this am! Evening.

1000h - returned to ♀ 1225's nest site with Mark Stanbach to help drill holes, etc. We thought we would have to block them proximally (base of tree) from escaping, but Mark's cuts revealed the trunk was solid. We blocked 2 escape (entrance) holes at the distal end with screen (see diagram below), and then were able to cut out a hole with a pocket-knife (wood soft and rotting) about 10cm on the proximal side of their radio-locations. Inserted the fiber-optics and got a quick glimpse of a mouse, but they (it?) quickly moved distally. We then pulled out much of the lichen and nest material for a better view, but not much better. We then blocked this hole to prevent them from going proximally past and covered the hole.

Next we cut out another hole on the distal side of their location and got some good views of both adults and at least one suckling baby. The ♀ escaped past this hole and we prodded her back between the 2 holes and blocked the tunnel leading out,





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April 8  
(cont)

and covered the hole. David set up all the recording equipment while I returned to the cabin to make us some lunch (1230?)

At 1330h we went back in with the fiber-optics and shot some film showing all 3 individuals in the nest.

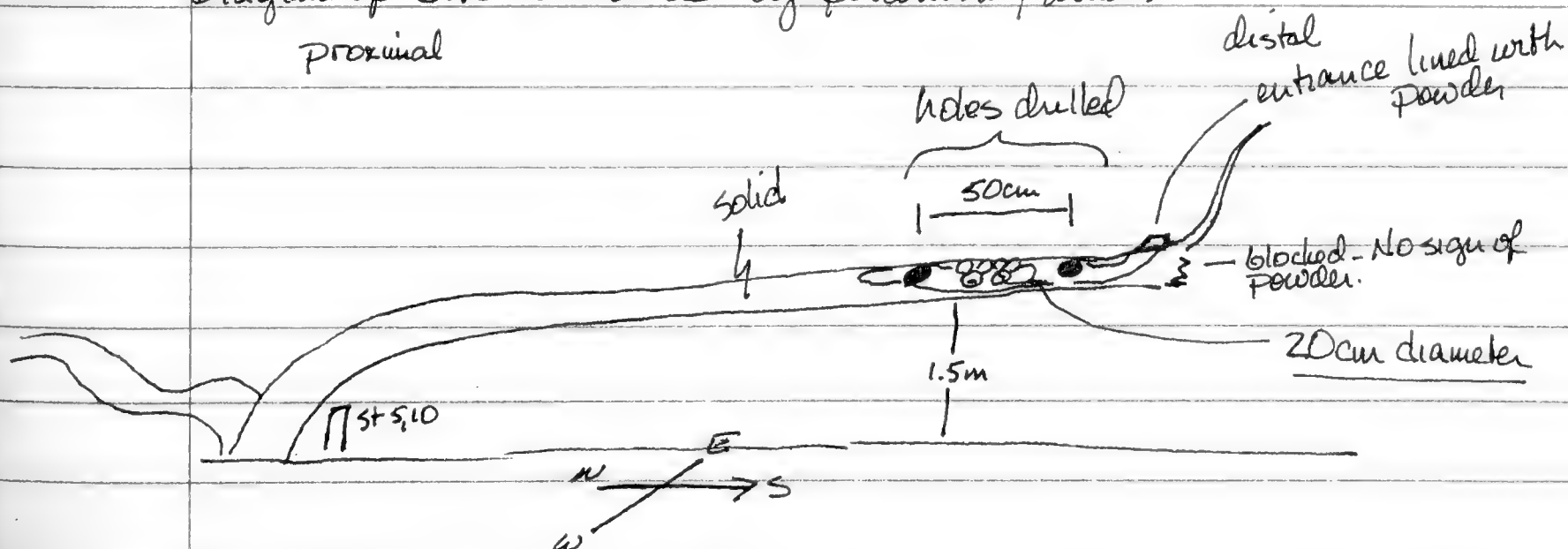
Somewhat artificial - we could see them through the holes with a flashlight. In fact, we remarked the ♂ & infant with liquid paper so they would be clearly visible on film. Yes, it did confirm that mated pairs with offspring are in the nest together; but no, this setup would be almost impossible for "hard" data collection (paternal behaviors). David was very disappointed, but we had to try. I was relieved we got this far (telemetry problems, etc) and maybe not too surprised.

The last thing we did was to pull the female out to mark (see clip) its young as follows & offspring of 1225)

#014, 10g, white-tail tip, ♀. David thinks she is 8 days old. We returned them to their nest, packed up, and left one passageway (original entrance) open (~1700h)

We returned later ~2200h and they (♀ & ♂) were ~2m NE of 5,10. Obviously abandoned this site!

Diagram of site & surrounded by poison oak & willow)







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~~June~~  
PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

April 8 Before sunset we got radio-locations on ♀ 1460 - ♂ 040 (same as an), and ♂ #1212 - ♀ 020 who were in an old Buckeye at station 10,6, about 2m above ground. Note that this is same location as a nest identified of 020(1186) last year! (See telemetry data 21 May 1989) - See additional locations on data sheets.

April 9 This PM on GRID MC caught ♀ 020, 41.5g, lactating, st 11,4. Removed her radio-collar, dusted her PURPLE. Caught ♂ #1212, at 10,6; covered with PURPLE, and removed his radio-collar.

April 10 This AM on GRID MC I caught ♂ 1111, st 9,6 with ORANGE visible in his ears. Caught ♀ 1351, 40.5g, lactating, st 9,10, dusted her ORANGE. And caught ♀ 0100, 43.5g, lactating, st 9,4 with a fresh (still viscous) sperm plug in her vagina! David was with me and from his lab experience, she must have given birth yesterday. First time I've seen this. Dusted her RED.

#1531. ♀ Early Mat, inf, nullip. 30.5g. Ear-tagged. MC dust face. st E-1 (in) <sup>Tissue coll</sup>  
Definite immigrant.

This PM on GRID DC I caught ♀ 1225, 43g, lactating, removed her collar, and dusted her PURPLE. Also, caught ♂ 0130 at 5,9 with faint PURPLE in his ears and removed his collar.

April 11 This AM on GRID MC I caught ♀ 1460, st 10,17, 47g, lactating and dusted her GREEN (note no radio-collar - shut!). Also, <sup>dusted</sup> caught ♀ #1497, st 8,15, nulliparous, 36.5g with BLUE-GREEN. This is a "new" dusting, want to see if she is interacting with anyone. Also caught ♂ 1206 with clearly visible RED in his ears at 7,4.

#1532 ♀ Imm, nullip. 23.5g. Ear-tagged. GRID MC, st 9,4. Coll. Tissues  
\* No sign of any powder (examined in dark). Location close to 0700, but should have powder since dusted recently. Therefore, probably an immigrant.?? No sign of powder 13th



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April 11 #1534 ♂ Imm, TND. <sup>White-tail tip.</sup> 27g. Ear-tagged. GRID RC, St 4, 6.5. Tissues coll.  
(cont) No sign of powder (examined under dark). Possibly offspring of ♀ 020, but  
should have ORANGE powder, plus 2.5g larger than 1513. Probably  
an immigrant?? (No sign of powder in PM see Journal)

Lastly this am I caught ♀ #0340, 40g lact, RC at E-8, with a fresh  
(shell viscous)  
sperm plug. Dusted GREEN. Must have given birth yesterday.

This afternoon retrieved collar of 1460's - found in blind  
cave inside log, no sign of a nest, maybe they left this site.

This PM on GRID MC I redusted ♀ 1351, 37.5g (lost 3g?), semi-perf,  
teats swollen but no milk, with ORANGE powder at station 9, 10. On  
GRID RC this PM caught ♂ 1235, scrotal at E-8.5 covered w/  
fresh GREEN powder (♂ mate of 0340). Also, removed radio-collar  
from ♀ 1183, 47g, lact? (no milk), dusted ORANGE, 15m  
east of E-7 along creek.

April 12 This AM on GRID MC I redusted ♀ #020, lactating, St 10, 6; with  
RED powder.

#1535 ♂ Imm, TND. 25g. Ear-tagged. RC drift fence, St W-4 (in). Collected tissues  
Definitely an immigrant.

This PM on GRID MC I redusted ♀ 1460, 44g, teats swollen but no milk,  
with GREEN powder at Sta 10, 17.

#1536 ♀ Imm, nullip. 18g. Ear-tagged. GRID MC, St 9, 10. Tissues coll 13 Apr  
Covered with ORANGE powder ♂ offspring of ♀♀ 1351.  
31 days old born 13 March [calc].

April 14 This AM on RC drift fence, St W-4 (in), caught ♂ #010, scrotal,  
with visible GREEN powder in his ears (from ♀♀ 1421).

This PM on GRID RC I dusted ♀ 1979, 46.5g, lact (confirmed 15 am),  
St 5, 17 with RED powder; ♀ 030, 51.5g, perf, not lact, but pregnant?,  
St 5, 16 with BLUE-GREEN powder.



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April 15 This AM on GRID RC I caught ♂ 1455, scrotal, St 9.17, with RED clearly visible in his ears (from 1479); dusted ♀ 1364, ♀, lact (strong), St 8.12 with BROWN {note she is 30m from usual location}; and ♀ 1225, 41.5g, lactating, with PURPLE at 7.9. Also caught 1513, Imm ♂, St 4.8 with ORANGE visible in his ears (offspring of 0020).

This PM on GRID RC I caught ♂ 0400, scrotal, St 6.15 covered with fresh BLUE-GREEN (mate of ♀ 030); and ♂ 1155, scrotal, St 5.13 covered with fresh GOLDEN BROWN (mate of ♀ 1364).

\* Also, this afternoon I located radio-signal of ♂ 1257 in a rattlesnake!! See Crotalus spp acct.

April 16 This PM on GRID RC I redusted ♀ 1479, 43.5g, lact, St 7.18 with RED; ♀ #030, <sup>preg?</sup> 50g, St 5.14, with BLUE-GREEN; ♀ 1364, 39.5g, lactating, St 7.12 with BROWN; ♀ 1225, 41g, lact, St 7.9 with PURPLE.

April 17 This AM on GRID RC I dusted ♀ 020, St 4.8, 45.5g, lactating, with ORANGE powder; and ♀ 1421, 47g, pregnant, St W-4 (out) with GREEN.

April 18 This PM on GRID RC drift fences I dusted ♀ 0340, lact, St E-B, with GREEN powder; ♀ 1183, lact, St E-B.3 with ORANGE powder. On the grid caught ♂ 0130, St 5.9 covered with PURPLE powder; and ♂ 1526, St 4.8 covered with fresh ORANGE\* powder (from 020 ♀♀).

\* This contact is intriguing because ♀ 020's mate, ♂ 1257 was recently eaten by a Crotalus and she has given birth since then (see Am notes above). 1526 is a definite immigrant and I wonder if he is taking care of 1257's pups ???

April 19 #1537 ♀ ~~Mature~~ AD, up, well. 32g. Ear-tagged. MC drift fence, St E-9 (in). Coll Fessenden  
Definite immigrant.



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Peromyscus Californicus  
Telemetry Data

MC

Hasting Reservation, Monterey Co., Calif

	♂ 1257 #12 ♂	♀ #020.	♂ #040 Ch 16 ♂	♀ 1460 #7 ♂
April 7	4, 8 radio-collared 0800 1100	Never collared		
April 8	4.5, 7.8 didn't take locations		St 9, 17 0100h radio-collared	St 9, 17 0100h radio-collared
April 9			0700h 9.4, 17 both R, N. fallen oak log (old).	
April 10	1750 ~ 2, 5. East side of stream		1845h - 9.4, 17 nest, resting.	
April 11			0800. St 10, 17 removed collar	10, 17 - <u>no radio collar!!</u>

GRID MC

	♀ 020 Ch #4 ♂	♂ 1212 Ch 10 ♂
April 8	collared, St 11, 5 0800h	collared St 10, 6 0800h
April 9	1800h St 10, 6 R, N. Buckeye tree - see spread!!	
April 9	1800h same ↑	
April 10	2200h St 11, 4. removed collar	2200 St 10, 6 removed collar.












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PEROMYSCUS CALIFORNICUS  
TELEMETRY DATA

Hastings Reservation, Monterey Co., Calif

	<del>♀ 1103 #7</del> 	♂ 040 #4 	♀ 1225 #10 	♂ 0130 #7  <del>♂ 1257 #1</del>
5 April	4 legs, collared 2300h no signal 1700h		#10 	
6 April	2345h - changed to Ch #2 	40.5g, collared 0800h. 10m E of E-5 (1700h).	2300h - radio-collared St 5, 10.	
7 April	(Removed #7) no signal 0800	No signal 0800 2300h - removed collar St E-5, 41g. collar Slightly chewed.	4.9 - radiotune 0800 no signal 1100 Changed radio-collar to 10. (2300)	St 5, 11 radio-collared 0800 6.2, 10.5 1100h. On bank in hole. Nest visible. 6.2, 10.5 1700h.
8 April			0200h 5.2, 10 N/R in willow 0700h - same	0200h 5.2, 10 N/R in willow 0700h
			Fiber Optics* See Sp. Acct.	
			2230h - NE (2-3m) of 5, 10.	
10 April	no signal 1800h		1745h - willow in NE of station 5, 10 Both resting	
			2300h St 5, 10 - removed collar.	St 5, 9 - removed collar



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Peromyscus CALIFORNICUS

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April 19 (cont) This AM on GRID RL caught ♂ # ~~010~~ <sup>010</sup>, st 10-2.5, with faint GREEN visible in his ears; ♂ 1528, 25g, st 4, 8 with ORANGE in ears, around mouth; and I released ♀ 1304, 40.5g, lact, st 4, 13 with GOLDEN BROWN; and ♀ 020, lactating, 43g, perf, st 4, 9 with ORANGE powder.

April 20 This PM on GRID WR I dusted the following ♀♀:

1515 - lactating, 41.5g. st 16, 14. RED

1175 - perf, post-lact, 45.5g, st 8, 5. GREEN

1435 - 47.5g, perf, lact? (no milk), 47.5g, st 4, 4. ORANGE

1429 - 42.5g, lact, preg?, 42.5g, st 3, 2. BLUE-GREEN.

act See notes 30 April maybe ♀ 1175? #1538 ♀ Early Mat, imp, nullip. 33g. Ear-tagged. GRID WR st 9, 10 } Tissues coll. 27.  
white tail tip Presumably both }  
immigrants.  
#1539 ♀ SAD, imp, nullip. 31.5g. " - " " " st 4, 2

April 21 #1541 ♀ Imm, nullip. 28.5g " - " " " st 6, 6. Tissues coll.  
Possibly offspring of ♀ 1435 or 1175 - need powder to confirm.  
- see notes 28 April

#1542 ♂ Early SAD, TND. 30.5g. " - " " " st 6, 5. Tissues coll.  
Same story as 1541 above

#1543 ♂ Imm, TND. 18.5g " - " " " st 3, 3. Tissues coll.  
Covered with fresh BLUE-GREEN powder: - offspring of ♀♀ 1429. 33 days old [calc]; born 25 March?

This AM on GRID WR I dusted ♀♀ 1500, 41g, post-lact, with PURPLE powder at st 9, 7.

On RL drift fences I dusted the following ♀♀:

020, 47g, imp, post-lactating, st <sup>w</sup> 4 (out). ORANGE (kitts very crusty, definitely not lactating).

#0340, 42g, lact, st E-8. GREEN

#1183, 55g, preg, lact?, st E-8-6. ORANGE.

This PM on GRID WR I caught ♂ 1118, st 6, 6 covered w/ ORANGE; ♂ 1488, st 3, 3 covered with BLUE-GREEN; and ♂ 1485, st 4, 3 covered with GREEN powder.



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April 28

This AM on RL drift fence I dusted ♀ 1421, lactating, st W-2-5, with GREEN powder. Caught ♀ 1183 & ♂ 040 (presumptive mates) at E-8.3 in same trap with 3 newborn babies! Pulled the male out and put him in another trap, added cotton to the trap with babies, and took all of them back to cabin.

On GRIDWR I caught ♀ 1429, st 3.3 with 1 newborn pup! Brought her back to the cabin along with 1183/040, and put each female in a cage (040 with 1183) with cotton and fresh food. Hopefully they will take care of their pups and I can reintroduce them in a few days (?)

Additionally on GRIDWR I redusted ♀ 1435, 44g, lactating, st 6.6 with ORANGE powder\* [she lost 3.5g since yesterday, so she must have given birth(?)] ; redusted ♀ 1175, 43g, post-lact, st 8.5 with GREEN powder; caught ♂ 0110, st 16.04 covered with clearly visible RED powder; ♀ 1541; st 5.5 with ORANGE powder clearly visible in ears, feet & tail (see notes 27 Apr). Offspring of 1435.

- |  |  |
|--|--|
| #1544 ♀ SAD, nullip. 25.5g. Ear-tagged. GRIDWR, st 16.14.  | } coll-tissues. No<br>sign of powder,<br>-- presumed<br>immigrants |
| #1545 ♀ SAD, nullip. 31g. " - " " " st 15.15.  |  |
| #1550 ♀ Imm, nullip. 19.5g " - " " " st 2.3. Coll-tissues<br>Covered with visible BLUE-GREEN powder -- offspring of ♀ 1429.<br>Calculated 35 days old. |  |

This PM on GRIDWR I dusted ♀ 1399, 47g, post, preg? with Golden Brown at st 2.1 (and finally collected her tail tip)

April 29

This AM on RL drift fence I caught ♂ 010, scrotal, st W-2 covered with GREEN powder.

This AM on GRIDWR I caught ♀ 1500, st 9.8 with what may be a sperm plug in her vagina - vagina was perforate with visible brownish viscous substance inside



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Peromyscus californicus

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April 30 This AM on GRID W2 I redusted ♀ 1515, 38.5g, lact, st 15, 12 with RED; ♀ 1175, 42g, post-lact, st 7.5 with GREEN; I returned ♂ 1488 to lab to put in cage with 1429 (see below); caught ♂ 1518, st 10, 8 with PURPLE perhaps visible in ears (need confirmation in dark); redusted ♀ 1500, 40.5g, st 9, 7 with PURPLE.

# 1549 ♀ Mature, pregnant, post-lact, 54g. Ear-tagged. GRID W2, st 2, 1. Collected tissues in field and dusted RED upon release.

This AM on ~~GRID~~ DC drift fence, st E-B I redusted ♀ 0340, st 5.8 w/ GREEN.   
Later this am I toe-clipped and collected <1cm tail tip from the ♀♀'s offspring I caught in traps on 28 April. Also put ♂ 1488 with ♀♀ 1429. I thought I plan on repatriating these mice. Tails were clipped as follows: ♀♀ 1183 pups

#01000 ♂	} tails marked	♀ 1183	} 1 pup with pinna erect, other 2 still closed
#04000 ♂		#1000	
#0100 ♀		etc/	

♀♀ 1429

#01000 ♀ - pinna erect, more fully haired than above.

This afternoon while resetting traps I put the above mice families in their cages out in the field (see Journal for locations). Covered each with tar paper and rocks.

This PM while checking traps I cracked open each cage, <sup>and</sup> inserted a piece of hardware cloth in the crack so they could climb out. In both cases the ♂♂ immediately jumped out, but the female remained inside.

This PM on GRID W2 I caught ♀ 1539 with very faint GREEN or BLUE-GREEN visible in its ears - maybe offspring of 1175 or 1439? Probably not 1439, but need to check DAD! Calculated 60 days old, born 25 Feb. - possible 1175.





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Hastings Reservation, Monterey Co., Calif.

April 30  
(cont)

Ladly, I caught ♀ 1549, St 2,1, 47.5g :- This am she weighed 54g, so she must have given birth today!!

May 1

This am both ♀♀'s put in cages were gone and no young were left - must have been successful release(?). On RC drift fence St E-10, I dusted ♀ 1183, 44g, lact, with ORANGE powder.

On GRIDWR this am I caught ♂ 1518, St 9,7 with definite (visible all over) PURPLE powder. Caught ♀ 1549, lact, St 3,1 with a definite sperm plug in her vagina!

#1551 ♀ Mature, lactating. 40.5g. <sup>Ear-tagged</sup> ~~Tail-clipped~~ RC drift fence, St E-8 (out) Definite immigrant. Collected tissues from her in field and dusted her with PURPLE upon release.

#1553 ♂ Mature, scrotal. 40.5g. Ear-tagged. GRIDWR, St 2,1. Covered with visible ~~PURPLE~~ RED powder, mate of 1549. Collected tissues in field.

May 2 #1554 ♀ Subadult, nullip. 29.5g. " - " MC drift fence, St E-9 (out) No sign of powder: immigrant. Coll. tissues.

On GRID MC this am I dusted ♀ #1381, 44g, lact. St W-5 with Brown

On RC drift fences this am I caught ♂ 1478, scrotal, St E-8. 3 covered with fresh PURPLE powder; and ♂ 1235, scrotal, St E-8. 8 covered with fresh GREEN powder.

This PM on GRID RC drift fences I caught ♂ #040, St E-8 with ORANGE visible in his ears.

#1555 ♀ SAD, perf, nullip. 30.5g. Ear-tagged. GRID RC, St 5,10. <sup>Tissues coll 3 May</sup> No sign of powder, presumably an immigrant.

May 3 #1557 ♀ Imm, nullip. 18g. Ear-tagged. RC drift fence, St E-6 (in). <sup>coll. Tissues</sup> Orange clearly visible in ears and tail: young of ♀ 1183, known date of birth 1 April - 33 days old.

#1558 ♀ Mature, lactating, 47g. Ear-tagged. RC drift fence, St E-8. Tissues coll. Immigrant. Dusted BLUE-GREEN upon release.

#1556 ♀ Imm, nullip. 14.5g. Ear-tagged. MC drift fence, St W-7. Tissues coll. No sign of powder, should be young of #1381. 23 days old calculated



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May 3 This AM on GRID RC I dusted ♀ #020, 46.5g, not-lactating, St  
(cont) 4.8 with ORANGE powder.

May 4 #1560 ♀ Imm, nullip. 17.25g. Ear-tagged. GRID RC, St 5.10. Tissues coll.  
Previously toe-clipped #014.: offspring of 1225 - Born 1 April, 34 days old  
in April [29 calc].

#1559 ♀ Mature, lactating. 48g. Ear-tagged. RC drift fence, St E-7.5. Tissues coll.  
Immigrant, dusted GOLDEN BROWN upon release

#1561 ♂ Early SAD, TND. 25g. Ear-tagged. RC drift fence, St W-6.6. Tissues coll.  
Presumed immigrant

This AM on RC drift fences I dusted the following ♀♀'s: #0340,  
lact, St E-8.3 with GREEN; ♀ 1551, lact, 41.5g, E-8.5 with  
PURPLE; ♀ 1183, 42, teats swollen but no milk, St E-8.5 with  
ORANGE. Caught ♂ 0100, scrotal, St E-10 with visible  
BLUE-GREEN in ears, mouth, and tail.

May 10 #1567 ♀ Imm, nullip. 25g. Ear-tagged. GRID MC, St 10.17. Tissues coll  
No sign of powder, probably offspring of # <sup>1460</sup>~~020~~. [50 days old] 11 May.  
based on location. Need powder to confirm - yes see 11 May

This PM on GRID MC I dusted ♀ 1497, 42g, lact, St 10.16 with  
BLUE-GREEN powder; ♀ 1351, 40g, perf, prous, St 9.10 with ORANGE

May 11 #1568 ♂ Imm, TND. 28g. Ear-tagged. GRID MC, St 11.4. Tissues coll  
No sign of powder, but probably offspring of ♀ 020 based on location,  
need powder to confirm [57 days old] Yes - see acct 13 May.

#1569 ♀ SAD, nullip. 31g. Ear-tagged. GRID MC, St 10.12. Tissues coll  
No sign of powder, presumed immigrant ??

This AM on GRID MC I dusted ♀ 020, 46g, lact, pres St 9.4  
with PURPLE powder; ♀ 1460, 46.5g, lact, St 11.18 with GREEN.

This PM on GRID MC I caught ♀ 1567, St 10.17 covered with fresh  
GREEN powder. (from ♀ 1460); ♂ #040, scrotal St 8.17 covered with fresh  
GREEN.



RIBBE, D.O.  
1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

May 12 This AM on GRID MC I caught ♂ #030, St 11, 4 covered with PINK

PURPLE; and I redusted ♀ 1351, St 9, 6 with ORANGE powder.

and dusted ♀ 1381, 42.5g, lactating, St W-9 with BROWN powder.

On RC drift fence this AM I dusted ♀ 1183, 48.5g, lact & preg, St E-B.3 with ORANGE powder.

# 1572 ♀ Mature, imp, nullip. 42.5g. Ear-tagged. RC drift fence St E-4 (lost). <sup>Coll. Tessa</sup>  
Presumably an immigrant. Took vag. smear - 90% leukocytes, 10% epith. cells.

This PM on GRID MC I redusted ♀ #020, 40g (lost leg, gave birth!),  
St. 14.5 with PURPLE; and caught ♀ #1469, 39.5g (lost Tg;  
gave birth) at 8, 17 (didn't dust her)

May 13 This AM on GRID MC I redusted ♀ 1497, 38g, lact, St 10, 15  
with BLUE-GREEN powder. Caught ♂ 1480, scrotal with clearly  
visible ORANGE pigment between his eyes. Caught ♂ 0200 St W-13  
with GREEN BROWN visible in ears.

On RC drift fences this AM I dusted ♀ 0340, 40g, post-lact,  
St E-B with GREEN powder.

This PM on GRID MC I caught ♂ 1464, St 9, 12 covered  
with BLUE-GREEN powder; ♂ 1480 ~~with~~, St 10, 7 with faint  
but definite ORANGE powder in ears, mouth, feet & scrotum;  
♂ 1568, St 11, 4 covered with PURPLE powder (confirming  
maternity ♀♀ 020)

May 14 This AM on MC drift fence I redusted ♀ 1381, 41g, not lact, St W-9  
with BROWN powder. This AM on RC drift fence I dusted ♀ 1421,  
43g, lactating, St W-3 with GREEN powder.

This PM on GRID MC I caught the following new PC:

# 1573. ♂, Imm, TND. 22.5g. Ear-tagged. GRID MC, St 2.5, 7.5. <sup>Coll. Tessa</sup>  
Covered with very fresh RED powder - offspring of ♀♀ 0100.  
Know age = 3 days [43] <sup>15 May</sup>



RIBBLE, D.O.  
1994

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Mendocino Co., Calif

May 15 This AM on GRID MC I caught ♂ #1206, st 8.4 with RED powder clearly visible in his ears.

#1574 ♀ Imm, nullip. 32g. Ear-tagged. GRID MC, st 10.6. Coll. tissues covered with PURPLE (bush) powder -- offspring of ♀ #020 [107 days old - calc]

On RC drift fences this AM I dusted ♀1551, 44.5g, lact, prep, st E to with PURPLE powder; caught ♂1235, st 2.9 with GREEN visible in his ears; and ♂ #010, st 4.7 with GREEN visible in his ears.

This PM on GRID RC drift fence I dusted ♀0340, 0-lact, st E-B with GREEN; and caught ♂040, st 2-B.3 with ORANGE visible in ears, mouth. On GRID RC I dusted ♀1979, 44g, lact, st 6.18 with RED; ♀030, 47g, lact, st 5.15 with BLUE-GREEN; and ♀1364, 41g, post-lactating with GREEN BROWN at 5.12. Caught ♂1526, scrotal, st 4.9 with ORANGE powder visible in his ears.

May 16 This AM on RC drift fences I dusted ♀1183, 44g, lact, st E-B.3 with ORANGE; and caught ♂ #010 with fresh GREEN in his ears. On GRID RC caught ♂1955 with RED visible in his ears at 9.17

#1577 ♀ <sup>white-tail tip</sup> SAD, imp, nullip. 31g. Ear-tagged. GRID RC, st 9.18. Tissues coll. No sign of powder, based on age presumably an immigrant.

#1578 ♀ Imm, nullip. 16.5g " - ". RC st 8.18. Tissues coll. No sign of powder - offspring of 1979?? Used powder Yes! See below

#1579 ♀ Imm, nullip. 17g. " - ". RC st 7.14. Tissues coll. Again, no sign of powder. Definitely need powder to confirm. - prob. 1364

This PM on GRID RC I caught ♀ #1578, st 7.18 covered with fresh RED powder, confirming ♀1979 as her mom.





R. B. B. D.D.  
1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

May 17 This AM on GRID RC I redusted ♀ 0340, 37g, post-lact, st 8, 18 with GREEN; caught ♂ # 0400, st 4, 16 with BLUE-GREEN malle in his ears and ♂ 1235, st 9, 19 with GREEN malle in his ears - Dusted ♀ 020, 55g, preg? - don't think so, st 5, 8 with ORANGE powder.

# 1582 ♂ Imm, TWD. 14.5g - Ear-tagged. GRID RC, st 5, 14. <sup>Tissues coll.</sup>  
Visible BLUE-GREEN powder in ears, tail - young of ♀♀ # 030.

On RC drift fence this AM I redusted ♀ 1551, 42g, lact, st E-4.5 with PURPLE powder; and on MC drift fence I redusted ♀ 1381, 41g, post-lact, st W-9 with GOLDEN BROWN

This PM on GRID RC I redusted ♀♀ 1979, 41.5g, st 7, 18 with RED powder; ♀ 030, 45g, st 5, 14 with BLUE-GREEN; ♀ 1304, 38.5g with GOLDEN BROWN at 5, 12. Caught ♂ # 1520 st 4, 9 with definite covering of ORANGE powder.

May 18 This AM on RC drift fence caught ♂ # 1478, 37g, st E-7 covered with obvious PURPLE powder.

# 1586 ♂ Imm, TWD. 20.5g. Ear-tagged. RC drift fence, st E-8. <sup>Tissues coll.</sup>  
Caught in same trap as # 0340, covered with GREEN - offspring of 0340.  
Known age = calculated =

May 19 # 1587 ♀ Imm, nullip. 15g - " - ". GRID RC st 6, 15. <sup>Tissues coll.</sup>  
Covered with BLUE-GREEN powder - offspring of ♀♀ 030

# 1588 ♂ Imm, TWD. 18.5g " - ". RC drift fence, st E-8. <sup>Tissues coll.</sup>  
Covered with GREEN powder - offspring of ♀♀ 0340.  
Known age = calculated =

This AM on GRID RC caught ♂ 1155, st 5, 12 covered with GOLDEN BROWN powder. Also caught ♀ 020, 49g, st 2, 9 (in a National trap!) with I think a sperm plug under vagina (brown viscous fluid)



RIBBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

May 19 #1589 ♂ Imm, TWD. 18.5g. Ear-tagged. GRID RC, St 8, 15. Tissue coll or 20 (Hn)  
(Cont) Covered with fresh Golden Brown :: offspring of ♀♀ 1364

Shu PM on GRID RC & redusted ♀ 1979, 40g, post-lact, not preg,  
St 5, 17 with RED powder; ♀♀ 030, 42g, post-lact, St 5, 15  
with BLUE-GREEN powder

May 27 #1590 ♂ Imm, TWD. 20.5g Ear-tagged. 290m downstream from RC west drift fence. Coll. tail-tip

1591 ♀ Mat, imp. Post-lact. 40g. " - " 370m " " " " " "

1592 ♂ SAD, scrotal. 35g. " - " 410m " " " " " "

1593 ♀ SAD, nullip. 27g. " - " 450m " " " " " "

1594 ♂ Mat, Scrotal. 40g. " - " 470m " " " " " "

1595 ♂ Early mat, scrotal. 34.5g. " - " 510m downstream from RC, along Finch Creek. " "

1596 ♀ Mat, lactating. 36.5g. " - " 530m " " " " " "

1597 ♀ Imm, null. 28g. white-tail tip. " - " 610m " " " " " "

1598 ♀ Mature, preg/lact. 45g. " - " 670m " " " " " "

1599 ♂ Late SAD, TWD (close) 33.5g. " - " 690m " " " " " "

1600 ♂ Mature, scrotal. 38.5g. " - " 230m upstream along Big Creek from Finch Creek. " "

at in same trap  
♀ young?

{ 1601 ♀ Mature, lact. 38g. " - " " " " " " "

{ 1602 ♂ Imm, TWD. 20g. " - " " " " " " "

1603 ♂ Mature, scrotal. 33.5g. " - " 290m " " " " " "

1777 ♂ late Imm, TWD. 32g. " - " 180m upstream from RC drift fence east. Did not coll. tail

1779 ♀ Mat, imp. parous. 48g. " - " 1,000m upstream " " " " Did not

1780 ♀ Mat, imp. post-lact. 43g. " - " 1,040m " " " " Coll tail on 22 May

1781 ♂ Mat, TWD. 34g. " - " " " " " Did not coll tail tip

1782 ♂ Mat, TWD. 34g. " - " 1,060m " " " " Did not

1783 ♀ Mat, imp. P-lact. 38g. " - " 180m upstream from MC in Bucking Hill Arroyo. tail coll

1781 ♀ Mat, imp. post-lact. 37g. " - " 280m upstream from MC east of. tail coll?

0220 ♀ Mat, imp. post-lact. 40g. " - " 320m upstream from MC east of. coll tail

Prev. e-tagged but ripped out. - probably from last years dispersal session because ear not cut



RISBLE, D.O.  
1989

Peromyscus californicus

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Hastings Reservation, Monterey Co., Calif

May 22 (cont)	#1702	♂	SAD, TND.	23g	Ear-tagged.	580m upstream from MC drift fence east	tail coll ?
	1704	♂	SAD, TND.	33g	" - "	280m up Buckeye Hill Arroyo.	Tail coll
	1705	♂	Mat, scrotal	31g	" - "	300m up " "	" "
	1707	♂	SAD, TND.	" - "	" - "	360m up " "	" " ?
	1706	♀	Imm, nullip.	22g	" - "	380m up " "	" "
	0210	♂	white-tail tip Mature, scrotal	40.5g	Toe-clipped.	400m up " "	" "
	Previously ear-tagged but ripped out. Ear not clipped, white tail-tip = Probably #1293 tagged 24 May 88 in this area						
May 23	#1604	♀	Mature, lactating.	42g	Ear-tagged.	360m up Big creek from Finch Creek confluence.	Tail coll
	1605	♀	Mature, lactating.	45g	" - "	250m " "	Tail coll
	1606	♀	old sperm plug. Mat, lactating.	46g	" - "	10m " "	" "
	1607	♂	SAD, TND.	30g	" - "	760m from RC west df along Finch Creek (downstream)	" "
	1608	♂	SAD, TND.	35g	" - "	720m " "	" "
	Probable offspring of ♀♀ 1421	1610	♂	Imm, TND.	17g	80m downstream from RC west df.	" "
		1611	♀	Imm, nullip.	17.5g	60m " "	" "
	1784	♀	SAD, nullip.	30g	" - "	130m upstream from RC east df.	" "
	1785	♀	Imm, nullip.	22g	" - "	870m upstream from RC east df.	" - "
	Over the last 2 nights we caught a total of <u>9</u> dispensers, including 3 with known ancestry. Not bad considering conditions. These include						
also caught in 88	1528	♂	SAD, TND.	24.5g	50m downstream from RC		
	1421	♀	Mature, lactating.	41.5g	110m " " "		
	1193	♀	Mature, post-lact.	46g	80m upstream from RC		
	1192	♂	Mature, scrotal	37g	120m " " "		
	1559	♀	Mature, post-lactating.	44g	240m " " "		
	1381	♀	Mature, post lactating.	38 43g	70m downstream from MC		
	1509	♀	Mature, post-lactating	35g	240m downstream from MC Buckeye Hill		
	0120	♂	Mature, scrotal.	36.5g	150m up Big Arroyo		
	1294	♂	Mature, TND.	34g	240m up Buckeye Hill Arroyo.		



LIBBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

- May 24 #1612 ♂ Early Mat, TWD. 33g. Ear-tagged. MC drift fence, St 2-9(in) Tissues  
Coll.  
On GRID MC this AM I dusted ♀ 1381, 40.5g, imp, St 7.5, 2.5 with  
GOLDEN BROWN powder.
- On RC drift fences this AM I dusted the following ♀♀'s:  
1551 ♀ Mature, pregnant, 43.5g, dusted PURPLE. St 2-5-5 (but)  
0340 ♀ lactating 35g., dusted GREEN, St E-7(in)  
1183 ♀, lact? 40.5g, dusted ORANGE, St E-8.3(in).
- May 25 This AM on GRID MC I dusted ♀ 0100, 44g, lactating, St 7.5, 2.5  
with RED POWDER.
- May 31 This PM on GRID WR I dusted ♀ 1515, 37g, perf, P-1,  
St 15, 14 with RED powder; ♀ 1500, 43g, imp, preg?, St  
9, 7 with PURPLE powder.
- June 1 #1613 ♀ Imm, nullip. 20.5g. Ear-tagged. GRID WR, St 15, 15. Tissues  
Coll.  
\* Probably offspring of ♀ 1515, but need powder to confirm.
- This AM on GRID WR dusted ♀ 1175, 45g, lact, St 8, 6 with  
GREEN powder; ♀ 1549, 41g, perf, St 2, 1 with RED powder;  
caught ♂ 0110, 36.5g, scrotal, St 16, 15 with RED visible in ears.
- On RC drift fence this AM dusted ♀ 1183, 45.5g, post-lact, St E-8  
with ORANGE powder.
- This PM on GRID WR we caught ♂ 1518, St 8, 7 covered with  
PURPLE powder, and ♂ 0110, St 16, 15 covered with RED
- June 2 This AM on GRID WR caught ♀ 1500, 39.5g, definitely lactating,  
St 12, 10. She lost 4g between May 31(PM) and June 1(AM), so  
she prob. gave birth the 1.
- June 3 This AM on RC drift fence we redusted ♀ 1183, 41.5g, lactating,  
St E-8.5 with ORANGE powder.





RIBBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

June 6 This AM on GRID MC we redusted ♀ 1351, 38g, St 10, 11 with ORANGE; ♀ 1497, St 10, 13 with BLUE-GREEN; ♀ 1460, 50.5g, pregnant, St 8, 17 with GREEN. We caught SAD ♂ 1569 with PURPLE visible in his ears at St 10, 4.

#1645 ♀ Imm, nullip. 19g. Ear-clipped. GRID MC, St 10, 6. Coll. tissue covered with PURPLE powder: - offspring of ♀ 020.

June 7 This AM on GRID MC caught ♀ 1640, Imm, St 9, 17 and ♀ 1644 Imm, St 9, 17 both with clearly visible GREEN powder in their ears; ♀ 1642 Imm, St 10, 12 with BLUE-GREEN visible in her ears

~~Barred 13 This AM redusted ♀~~

June 14 This AM caught, on RC drift fence, ♀ 1551, Imp 40g, at St E 7 out. She was dusted with purple powder. ♀ 1183, Imp, 36.5g. was caught at E 8, 3 and was dusted with orange.

At MC drift fence, dusted ♀ 1381 Golden-brown. She was 48.5g, Imp, lact.

June 15 This AM ♀ 1183, Imp, was redusted with orange, St E 8, 3

♀ 1421 was dusted Green, St W 3, Imp, par, going in.

June 17 This AM ♀ 1551, was redusted purple at E 5.5 RC drift fence. St ♀ 1183, RC, St E 8, 3 redust. orange.

June 19 This AM ♀ 1551, 38g, Imp was dusted purple<sup>at</sup> E 5.

June 20 This AM ♀ 1183, RC fence, St E 8, dusted orange. At MC drift fence, at St W 13 dusted ♀ 0100 Red. She was 52.5g, Imp, par, and probably pregnant.

June 21 This PM on GRID RC we dusted ♀ 1364, 41.5g, lactating, St 7, 13 with GOLDEN BROWN powder.

June 22 This AM on GRID RC we dusted ♀ 1979, 44.5g, imp, St 6, 18 with RED powder; and ♀ #030, 47g, post-lact, St 5, 14 with BLUE-GREEN powder.

This PM on GRID RC caught ♀ 1578, SAD, St 7, 18 covered with RED; ♀ 1587, SAD, St 5, 17 covered with BLUE-GREEN; and ♂ #0400, scrotal, St 5, 16 covered with BLUE-GREEN.

June 23 This AM on GRID RC caught ♂ 1582, <sup>St 6, 15</sup>Imm, with visible BLUE-GREEN in his ears & tail; and ♂ 1955, ~~scrotal~~ St 2, 17 covered with visible RED powder.



RIBBLE, D.O.  
1999

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif

June 3  
(cont) This AM on GRID WR we redusted ♀1515, 34g, lactating (Gave birth since 2??), st 16,14 with RED powder; ♀1500, lactating, st 12,10 with ~~ORANGE~~ PURPLE powder; and ♀1549, 41g, st 3.1 with RED powder.

This PM on GRID WR caught ♂1498, st 2.1 with very faint RED powder in his ears - not definite contact ??

June 4 This AM on GRID WR caught ♀1613 with, st 16,14 with visible RED in ears, tail & feet; but need to confirm in dark. Dusted ♀1399, 42g, lactating, st 2,3 with Garden Brown powder.

This PM on GRID MC dusted the following ♀'s: 1351, 39g, lact, st 9,16 with ORANGE; 1497, 37.5g, post-lact, st 10,12 with BLUE-GREEN; ♀1460 50.5g, pregnant, st 9,18 with GREEN.

#1640 ♀ Imm, null. 19g. Ear-tagged. GRID MC, st 9,17. Coll. tissues 5 June. No sign of powder, probably offspring of ♀♀1460 based on locality - [34 days old] Need powder to confirm. Yes, see 7 June

#1642 ♀ Imm, null. 20g. " - ". GRID MC, st 8,13. Coll tissues 5. No sign of powder, probably ♀♀1497 based on locality ?? Need powder to confirm. [36 days old] Yes, see 7 June

June 5 This AM on GRID MC dusted ♀020, 41g, lact, st 11,5 with PURPLE powder; caught ♂1464, 42g, scrotal, st 11,15 with visible BLUE-GREEN in his ears.

#1644 ♀ Imm, null. 21g. Ear-tagged. GRID MC, st 9,18. Tissues coll. No sign of powder, but probably offspring of ♀1460 based on locality [39 days old] Need powder to confirm. Yes, see 7 June.

This PM on GRID MC caught ♂040, scrotal, st 11,19 covered with GREEN; ♂1464, st 11,15 covered w/ fresh BLUE-GREEN; and SAD ♂1568, st 10,6 covered with visible PURPLE



ZIBBLE, D.D.  
1989

Peromyscus californicus

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Hastings Reservation, Monterey Co., Calif

June 23 This AM on RC drift fences we dusted ♀ 1558, lact, st E-B.3 with BLUE-GREEN; ♀ 1551, 39g, up, st E-B.5 with PURPLE.

This PM on GRID RC dusted ♀ 1364, 37.5g, lactating, st 5,12 with GOLDEN BROWN.

June 25 This AM on GRID RC I dusted ♀ 020, 60g, pregnant (palpable) with ORANGE powder at station 5,8.

June 26 This AM on GRID RC I redusted ♀ 030, 47g, st 5,14 with BLUE-GREEN powder; ♀ 1979, 41.5g, st 9,18 with RED powder (just gave birth??)  
This AM on MC drift fence dusted ♀ #0100, 18g, perf, lact, st W-13 (out) with RED powder

This PM on GRID RC we set up a dyadic encounter between lab ♀ 1511 and ♂ 0400 about 2m NW of station 5,14; 2300h. This am (1000h) ♀ 1511 was perforate, and her smear was exclusively cornified epithelial cells. This PM at 2200h she was still perforate, but her smear was ~ 50% cornified cells and 50% leukocytes. We introduced both mice into opposite sides of the enclosure, separated by a double wall of hardware cloth. We also dumped ~ 1/8 cup rolled oats in each side.

June 27 0430h - returned to conduct the trial. ♂ 0400 was wedged between the two dividing walls of hardware cloth, so we had no choice but to grab each mouse, pull out the divider, put each mouse back in, and begin the test. Boring!! Scored a total of 3 ♂ approaches, 4 ♀ approaches, 2 ♀ retreats. The ♂ spent ~ 95% of the time huddled in one corner, seemingly asleep. The ♀ generally kept her distance after the first 4min, except for the last few minutes. At 1030h Julie took a vaginal smear =

Despite the lack of results, the long warmup period appeared good because both animals appeared "calm" and weren't preoccupied with getting out.



Hastings Reservation, Monterey Co., Calif

June 27  
(cont.)

On GRID PC this am we caught ♀ #020, 46g, perf, lact at st 4, 8;  
:- she gave birth since 25th (2300h), probably some time yesterday given perforation.  
On GRID MC this am Julie dusted the following 2 ♀♀: 1351, 37.5g,  
unp, prous st 10, 9 with ORANGE; and 1460, 44.5g, lactating, st 9, 18  
with GREEN powder.

This PM on GRID MC caught ♂ 1480, st 10, 10 with ORANGE powder  
only visible around his mouth; ♂ #040, scrotal, st 11, 18 covered  
with GREEN powder; and ♀ 1644, SD, st 8, 17 covered with fresh  
GREEN powder.

June 28

This AM on GRID MC we redusted ♀ 1351, 36.5g, unp, st 10, 9  
with ORANGE powder; ♀ 1497, 38g, unp, st 9, 14 with BLUE-GREEN;  
and ♀ 1460, 44.5g, lactating, st 10, 17 with GREEN. Also we  
dusted ♀ 020, 39.5g, unp, st 10, 6 with PURPLE and ♀ 1381, 47.5g,  
unp, post-lact st W-9 (out) with GOLDEN BROWN.

June 29

This AM on GRID MC we caught SAD ♂ 1568, st 11, 4 covered w/ visible  
PURPLE; Imm ♀ 1645, st 10, 6 covered w/ visible PURPLE; ♂ 1464,  
st 9, 15 covered with BLUE-GREEN; and ♂ 030, st 11, 4  
covered with visible PURPLE. We also redusted ♀ 0100, 40.5, st  
W-13 (out), lact with RED POWDER.

This PM on GRID MC caught ♂ 1464, scrotal, st 9, 15 covered with fresh  
BLUE-GREEN powder; and redusted ♀ 1460, 38g, lactating, st 8, 17 with GREEN.  
Also this PM we caught ♂ 1206, scrotal, st 9, 5 covered with fresh  
RED powder and tried to use him in a dyadic encounter (see Journal,  
he escaped).

June 30

On GRID MC this am we radio-collared ♀ 0160, 42.5g, barely lactating, st 9, 4  
with Radio-ch #12 and dusted her with RED powder before releasing.





LITTLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS

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Hastings Reservation, Monterey Co., Calif.

June 30  
(cont)

This AM on GRID ~~WZ~~ WZ we dusted ♀ 1515, 38.5g, prep, st 15, 14 with RED powder and put a radio-collar on her - Ch # 7; dusted ♀ 1500, 40g, imp, post-lact.?, st 10, 7 with PURPLE and put a radio-collar on her - Ch # 18.

# 1662 ♀ Imm, nulliparous. 24g. Ear-tagged. GRID WZ, st 10, 8. Cell tissues. Possible offspring of ♀ 1500, need powder to confirm

This afternoon (17-1800h) we got radio-locations on ♀ 1515 at ~16, 12.2 under a large, <1m, rock and ♀ 1500 at 9, 8 in a Madroño stump, 2.5m high with an old? *Neotoma* nest at the bottom. Her signal was strongest ~1.5m up from nest. At 1800h we got a radio-locations from ♀ 0100 at ~10, -2 in base of a buckeye tree cluster

This PM on GRID WZ we caught ♂ 0110, st. 15, 12 covered with RED; ♂ 1518, st 10, 7 covered with PURPLE. We dusted ♀ 1549, 43g, imp, parous, st 2, 1 with RED powder and ~~dusted~~ collared her with a radio - Ch - 2.

July 1

This AM on GRID WZ we dusted ♀ 1175, 44g, imp, st 8, 5 with GREEN powder and radio-collared her - Ch 16.

This AM on GRID ME we redusted ♀ 1460, 42g, lact, st 8, 17 with GREEN powder.

This PM on GRID WZ we removed the radio-collar from ♀ 1515 (Ch # 7), still in good shape.

July 2

This AM on GRID ME we removed the radio-collar from ♀ 0100 (Ch # 12). She was barely lactating from one teat, not sure if she is lactating. Also her right rear foot was injured, like maybe she caught it in a trap??



Hastings Reservation, Monterey Co., Calif

July 2 #1665 ♂ imm, TWD. 20g. 2m-tagged. GRID <sup>WR</sup> ~~WR~~, St 10,10. Coll tissues.  
(cont) Covered w/ visible purple - offspring of ♀♀ 1500. [36.5 days old]

#1668 ♂ imm, TWD. 205g. " - ". GRID WR, St 4,4. Coll tissues.  
Covered w/ visible RED - offspring of ♀♀ 1549. [59 days old]. Both hind feet are scarred and swollen??

#1669 ♀ imm, nullip. 18g. " - ". " ", St 1,3. Coll tissues.  
No visible powder, but maybe offspring of ♀♀ 1399 based on locality -  
Need powder or DNA confirmation [31 days old]

July 3 This AM on GRID WR we caught ♂ 1485 with GREEN powder  
clearly visible in ears and on tail at 4 B,6 - Also, we removed the  
radio-collar from ♀ 1500, St 9,8, 36.5g

In RC drift fences this AM we checked ♀ 1572, 50g, pregnant,  
at St E-8 (out) with GOLDEN BROWN; and ♀ 1558, 43g, post-lact,  
St E-85 (in) with BLUE-GREEN powder.

The PM (1430h) I localized the radio-signal from ♀ 1175 (Ch 16)  
in a Quercus spp (deciduous, valley oak like leaves, but more pronounced  
lobes & 3, Black Oak?) at ~ 8.8, 5.2. The main trunk  
is > 2m high, ~ 7m dbh, and broke off, but several offshoot  
branches provide respectable cover. The east side of the  
trunk was rotten, so I tore off pieces in an attempt to get  
at ♀ 1175. Another GREEN covered mouse with no radio-collar  
(presumably her mate # 1485) jumped out before I could grab him.  
Ire off a large piece of trunk which exposed ♀ 1175 in a  
nest made mostly from moss. Grabbed her, removed her  
radio-collar, and repaired the nest-site with wires and  
nails before returning her. No babies or other interesting  
"objects" in nest.

On

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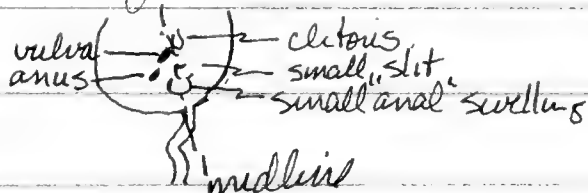
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July 7 This am on GRID WE we removed radio-colla from ♀ 154, 39g, up, at 1, -4, next to her nest site.

July 8 This am on GRID RC we dusted ♀ 030, 45g, up, st 5, 15 with BLUE-GREEN; and ♀ 1364, 39g, up, p-lact, st 5, 12 with GOLDEN BROWN.

July 9 #1677 ♀ Late SAD, nullip. <sup>white tail tip.</sup> 32g. Ear-tagged GRID RC, st 5, 13. Coll tissues. No sign of powder: presumably an immigrant. Very strange vulva-anus, deformed (?) eg.



This am on GRID RC we caught ♂ # 0400, st 5, 14 with clearly visible BLUE-GREEN in his ears.

July 10 #1678 ♀ SAD, nulliparous. 29.5g. Ear-tagged. GRID RC drift fence, E-2 (at) - <sup>Coll tissue</sup> Possibly offspring of df ♀♀'s, but need powder to confirm!

This AM on MC drift fences, caught ♀♀ 1381, st W-9 in, 44.5g, lactating (!) and dusted her GOLDEN BROWN. On GRID MC we dusted ♀ 020, <sup>unmarked</sup> 38.5g, st 11, 5 with PURPLE; and ♀ 1460, 41g, lactating, st 9, 17 with GREEN powder.

On RC drift fences this am we dusted ♀ 1558, 41g, p-lact st E-5 with BLUE-GREEN; ♀ 1551, 38g, up, st E-6.5 with PURPLE.

July 11 #1679 ♀ SAD, nullip. 28g. Ear-tagged. RC drift fence, st W 5.5 (in). <sup>Coll tissue</sup>

July 12 This am on MC drift fence we dusted ♀ 1381, 45g, lact (barely), st W-5 with GOLDEN BROWN powder.

st  
10-11

#1680 ♂ SAD, TWO. 35.5g. Ear-tagged. Lower Bridge Canyon T. raised, st 3. <sup>Coll tail</sup>

1681 ♂ Late SAD, TWO. 34.5g. " - " " " st 3. Coll tail tip

1682 ♂ Mat, scrotal 40.5g " - " " " st 4. "

1683 ♀ Early Mat, up, null. 32.5g. " - " " " st 5. "



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July 12 (cont)	#1684	♂	Imm, TND.	25g.	Ear-tagged.	Lower Bridge Canyon	Transect, St 6.	Coll tail top
	1685	♀	Mat, imp, parous.	44.5g.	" - "	"	" , St 10.	Coll tail
	1686	♂	<sup>white tail-top</sup> SAD, TND.	27.5g	" - "	"	" , St 12.	" "
	1687	♂	Mat, scrotal.	40g.	" - "	"	" , St 13.	" "
	1688	♀	Mat, imp, null.	34.5g.	" - "	"	" , St 15.	" "
	1689	♀	Mat, imp, parous.	49g.	" - "	Finch Creek "A"	Transect St 1.	" "
	1690	♂	Mat, scrotal.	41g.	" - "	"	" , St 2.	" "
	1691	♀	Early Mat, imp, null.	31.5g.	" - "	"	" , St 3.	" "
	1692	♂	SAD, TND.	31.5g.	" - "	"	" , St 3.	" "
	1693	♂	SAD, TND.	29.5g.	" - "	"	" , St 4.	" "
	1694	♂	Mat, TND.	36g.	" - "	"	" , St 5.	" "
	1695	♀	Early Mat, imp, null.	33.5g.	" - "	"	" , St 6.	" "
	1696	♂	<sup>white tail-top</sup> Mat, scrotal.	40g.	" - "	"	" , St 8.	" "
	1697	♀	SAD, nullip.	29.5g.	" - "	"	" , St 10.	Coll tail 14th Didn't collect tail
	1698	♂	SSAD, TND.	25g.	" - "	Finch Creek "B"	St 1.	Coll tail 13th Jug
	1699	♀	SAD, nullip.	32g.	" - "	"	St 4.	Coll tail 13th
	1700	♂	Mat, scrotal.	41.5g.	" - "	"	St 6.	Coll tail 13th
	1708	♂	Mat, scrotal.	43g.	" - "	"	St 5.	Coll tail 13th
	1709	♂	Mat, TND.	36g.	" - "	"	St 8.	Coll tail 13
	1710	♀	Mat, imp, parous.	44g.	" - "	"	St 8.	Coll tail 13 July
	1711	♂	SAD, TND.	31g.	" - "	"	St 9.	Coll tail 13th
	1712	♀	Mat, imp, parous	41g.	" - "	"	St 12.	
	1713	♀	SAD, imp, nullip.	33g.	" - "	"	St 15.	Coll tail 14th
	1714	♂	Late SAD, TND.	34.5g.	" - "	"	St 16.	Coll tail 13th
	1715	♀	<sup>white tail-top</sup> SAD, imp, nullip.	38g.	" - "	"	St 17.	Coll tail 14th
	1716	♂	<sup>white tail-top</sup> S. Mat, TND.	37g.	" - "	"	St 18.	Coll tail 13th





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July 12  
(cont)

In addition to all of these new Pe, we caught ♀ 838 along Finch Creek which had been tagged 2 July 1986, a 3 year, 10 day survivorship record.

July 13

Just after 6:20 MC drift fence we radio-collared ♀ 1381, 41g, lact? (def-swollen) at W-9, Ch #4; and dusted her Brown.

#1717	♀	Early Mat, imp, null.	30.5g.	Ear-tagged.	Lower Bridge, St 4	Coll tail
1718	♂	Mat, scrotal.	33.5g.	" - "	" " , St 5	"
1719	♂	Imm, TWD.	24g.	" - "	" " , St 6	"
1720	♂	SAD, TWD.	29g.	" - "	" " , St 7.	"
1721	♂	Maturo, scrotal.	42g.	" - "	Finch Creek A, St 1.	"
1722	♂	Maturo, scrotal.	36.5g.	" - "	" " , St 1	"
1723	♂	Early Mat, scrotal.	33g.	" - "	" " , St 5	"
1724	♂	Imm, TWD.	15.5g.	" - "	" " , St 7	4

Caught in same trap as ♀ 838, probably offspring.

1725	♂	Mat, scrotal.	43.5g.	" - "	" " , St 8	"
1726	♂	Early Mat, TWD (close).	31g.	" - "	" " , St 10	4
1727	♀	Maturo, imp, parous.	44.5g.	" - "	Finch Creek B, St 2.	Coll tail 14th Didn't coll tail
1728	♀	SAD, nullip.	24g.	" - "	" " B, St 4	Coll tail
1729	♀	Mat, imp, parous.	42g.	" - "	" " B, St 18.	Coll tail

July 14

1730	♂	Imm, TWD.	19g.	" - "	Lower Bridge, St 4	Coll tail
1731	♀	Maturo, post-lact.	42g.	" - "	" " , St 10.	"
1732	♂	SAD, <sup>white tail-tip</sup> TWD.	27g.	" - "	" " , St 11.	"
1733	♂	SAD, TWD.	25.5g.	" - "	" " , St 14.	"
1735	♀	SAD, imp, null.	26.5g.	" - "	Finch Creek A, St 1.	"
1736	♂	Mat, scrotal.	42g.	" - "	Finch Creek B, St 18.	"



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July 15	1737	♂	Mat, Scrotal.	39g.	Ear-tagged.	130m	from WP	along South Arroyo.	Coll tail
	1738	♀	Mat, up, nullip.	45.5g.	" - "	130m	"	"	"
	1739	♂	LSAD, TAD.	30.5g.	" - "	295m	"	"	"
	1740	♀	Mat, imp, parous.	40g.	" - "	310m	"	"	"
	1741	♂	Mat, Scrotal.	32.5g.	" - "	370m	"	"	"
	1742	♀	Early Mat, nullip.	33g.	" - "	370m	"	"	"
	1743	♂	SAD, TAD.	35g.	" - "	450m	"	"	"
	1744	♀	<sup>White tail-tip.</sup> SAD, nullip	33g.	" - "	510m	"	"	"
	1745	♀	Mat, up, parous	42g.	" - "	510m	"	"	"
	1746	♀	SAD, up, nullip.	32.5g.	" - "	130m.	"	along West Arroyo.	Coll tail
	1747	♂	<sup>White tail-tip</sup> SAD, TAD.	30.5g.	" - "	130m.	"	"	"
	1748	♂	SAD, TAD.	28g.	" - "	170m	"	"	"
	1749	♀	Mat, imp, null.	39g.	" - "	230m.	"	"	"
	1750	♂	SAD, TAD.	32g.	" - "	250m	"	"	"
	1751	♀	<sup>White tail-tip</sup> SAD, nullip.	31g.	" - "	310m	"	"	"
	1752	♀	SAD, up, nullip	32.5g.	" - "	350m	"	"	"
	1753	♂	Early Mat, TAD	38g.	" - "	390m	"	"	"
	1754	♂	Mat, TAD.	37.5g.	" - "	410m	"	"	"
	1755	♀	Mat, up, nullip	38g.	" - "	310m	"	West Arroyo B.	Coll tail
	1756	♂	<sup>White tail-tip.</sup> Mat, Scrotal.	40g.	" - "	340m	"	"	"
	1757	♀	Mat, imp, nullip	35.5g.	" - "	390m	"	"	"
July 16	1758	♀	Imm, nullip.	16g.	" - "	Woodpile upper Shed.	Coll tissues		
			Covered w/ BROWN powder. - offspring of ♀♀ 1381.						
	1759	♂	SAD, TAD	27.5g.	" - "	180m	from WP	along South Arroyo.	Coll tail
	1760	♀	SAD, nullip.	27g.	" - "	200m	"	"	"
	1761	♀	<sup>White tail-tip.</sup> Early Mature, nullip.	30.5g.	" - "	350m	"	"	"
	1762	♂	Mature, TAD.	42.5g.	" - "	460m.	"	"	"
	1763	♂	Mature, Scrotal	41g.	" - "	520m	"	"	"



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- July 16 (cont) #1765 ♀ SAD, up, nullip. 27g. Ear-tagged. 360m from WR along West Ancho<sup>cell trail</sup>.  
1766 ♀ Early Mat, nullip. 3g. " - " 380m " " "
- July 17 This PM on GRID RC we dusted ♀ 1979, 44g up, st 9.17 with RED powder; ♀ 030, 43g, SPERM plug<sup>1</sup>, st 5.15 with BLUE-GREEN; and ♀ 1364, 39.5g, post-lactating with GOLDEN BROWN.
- July 18 This PM on GRID RC caught ♂ 0110, scrotal, st 5.12 covered with fresh GOLDEN BROWN powder; SAD ♂ 1582, st 5.15 covered with fresh BLUE-GREEN
- July 19 This AM on GRID RC we caught ♀ 1578, SAD, st 8.18 covered with visible RED powder; we dusted ♀ 020, 47.5g, lactating, st 6.10 with ORANGE powder.
- July 20 This PM on GRID RC we redusted ♀ 1364, 39g, st 5.12 with GOLDEN BROWN.
- July 20 This AM on GRID RC we redusted ♀ 020, 52.5g, lact, st 4.9 with ORANGE powder. Also this am we conducted a dyadic encounter between ♂ 1955 and lab ♀ 1511 at station 718. We introduced them into the arena around 2330h last night and conducted the test this am at 0900h. The male was extremely passive with no aggressive interactions - meaning has me stumped..... (see data sheets for details)
- July 21 This am on GRID RC we caught ♀ 020, st 6.10. She was inside the trap but her tail (last 15mm) was caught in the door. She seemed okay, but she had lost 10g<sup>1</sup> since yesterday. She gave birth between the 25 and 27th of June, put on 5g yesterday, so perhaps she gave birth!?. This would be an interbirth interval of 24-26 days - very short. (See notes July 22)



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July 21 (cont) This PM on GRID RC we caught 1587, ♀, SAD, st 5.17 with BLUE-GREEN malle in her ears. This PM we also set up a dyadic encounter between ♂ 0110 and Lab ♀ 1491 between station 7, 12 and 6, 12. (♂ 0110 was caught at 7, 12 and we set up the arena at the nearest flat spot). ♀ 1491's smears this am was 80% leukocytes and 20% nucleated epithelial cells.

July 22 Returned to do the test at 0450h. The ♂ had dug under the divider and both mice were on the same side. We pulled out the divider and watched them for 20min. They remained huddled with the ♀ on the back of the male for the entire 20min - obviously this test stinks. At 0800h the ♀'s smear indicated 85% leukocytes, 15% nucleated epithelial cells with no sign of sperm.

This AM on the GRID we dusted ♀ 1364, post-lact, st 6.13 with GOLDEN BROWN.

#1760 ♂ Imm, <sup>white tail-tip.</sup> TND. 15.5g. Ear-tagged. GRID RC, st 4.6.5. Coll tissues. Covered with ORANGE powder - offspring of ♀ 020. Known date of birth between 25-27 June - 45 days old [calculated 25]

This PM on GRID MC we dusted ♀ 020, 40g, imp, st 10.6 with PURPLE powder; ♀ 1497, 38g, imp, st 9.12 with BLUE-GREEN; and ♀ 1460, 42.5g, post-lact (very swollen), st 8.17 with GREEN powder.

#1760 ♀ Imm, nulliparous. 17.5g. Ear-tagged and toe-clipped (#040). GRID MC, st 8.17. Coll tissues. No sign of powder, but must be offspring of 1460 based on locality. Yes! see 24 July acct.

July 23 This am on GRID MC we dusted ♀ 0100, 42g, imp, st 8.4 with RED; and ♀ 1351 37.5g, imp, st 10.9 with ORANGE.

This PM on GRID MC we caught ♂ 1460, TND, st 9.10 covered with ORANGE powder

July 24 This AM on GRID MC we caught ♂ 1464, st 10.15 covered with visible BLUE-GREEN; ♂ 040, st 10.43 with GREEN visible in his ears





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July 24 (cont) #1770 ♂ SAD, TAD. 26.5g. Ear-tagged. GRID MC, St 9,9 - Coll. tissues  
No sign of any powder - presumed immigrant. Possible baby of 1364, but should have had powder - Double check DMS.

This PM on GRID MC we caught immature ♂ 1769, St 8,17 covered with fresh GREEN powder, confirming ♀ 1460 as mom

✓ #1771 ♀ SAD, nullip. 27g. Ear-tagged. GRID MC, St 5,12. Coll tissues 25 July  
No sign of powder, plus <sup>Scab on back.</sup> odd location (haven't seen PC here since 1986)  
∴ immigrant.

This PM on MC we set up a dyadic encounter between ♂ 1206 and lab ♀ 1477 at station ~~4~~ 5 (Actually caught ♂ at 8,4, but hill too steep to conduct test). ♂ 1206 is mate of ♀ 0100, but he had no sign of powder from her.

July 25 0445h - over the night ♂ 1206 dug out under the enclosure and escaped. Since we had ♀ 1477, decided to test her against ♀ 1460 at station 8,17 under "old" conditions (5min warmup, 10min test). 1460 appeared more aggressive and 1477 more submissive, although not terribly so (see data sheets for data)

This PM on GRID MC caught ♂ #040, St 8,17 covered with GREEN powder

July 26 This AM we dusted ♀ 1381, 43g, up, at the <sup>(uncovered)</sup> woodpile with GOLDEN BROWN.

✓ #1773 ♂ SAD, TAD. 27g. Ear-tagged; toe-clipped. <sup>MC</sup> ~~PC~~ drift fence, St W-5 (in) Coll tissues  
Presumed immigrant; no sign of powder.

This AM on PC drift fence, caught ♀ 1421, 43, St W-2.5 with a fresh SPERM plug.

July 27 This PM on GRID WR dusted ♀ 1515, 39g, up, St 15,12 with RED

July 28 This AM on GRID WR caught ♂ #0110, St 16,14 covered with visible RED

#1786 ♂ <sup>white tail-tip</sup> Early Mat, TAD. 29.5g. Ear-tagged; toe-clipped. GRID WR, St 3,3.  
Presumed immigrant. Caught 27 July - PM collected tissues this am



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July 29 This AM on GRID WR dusted ♀ 1541, nullip, st 6.5 with ORANGE;  
♀ 1538, nullip, st 7.5 with GREEN (note that ♀ 1175 is usually  
GREEN, but since these two females are adjacent I didn't dust  
♀ 1175 who is non-reproductive now); ♀ 1500, 42g, imp,  
st 8.7 with PURPLE.

Also, this AM on RL drift fence I dusted ♀ 020, 47g, lact, st W-3 (out)  
with ORANGE powder.

July 30 This AM on RL drift fence caught ♂ 1768, 19g, st W-4 covered  
with fresh ORANGE powder

July 31 This AM on RL drift fence, st W-8.7 (in) caught ♀ 1427, 42g, nulliparous.

Oct 5 #1789 ♀ Imp, nullip - 18.5g. Ear-tagged. GRID RC, st 7.16.

Collected tail tip (~15mm) and deposited it in vial with silica gel. All  
subsequent RC tails were collected similarly.

Also, on 6 Oct caught her covered with BLUE-GREEN powder from ♀♀ 030  
∴ offspring 33 days old, born 2 Sept 89.

#1790 ♀ Late SAD, nullip. 35.5g. Ear-tagged. GRID RC, st 5.11. Tail coll

1792 ♀ Early Mature, nullip. 33g. " - " " " st 4.10. "

Oct 6 1795 ♂ Early Mat, TWD. 31.5g " - " " " st 4.10. "

1794 ♀ Mature, nullip. 31.5g " - " GRID WR, st 8.7. "

Oct 7 1799 ♀ Mat, nullip. 34.5g. " - " GRID RC, st 5.10. "

Nov 4 1799 ♀ <sup>37 days old</sup> Imm, nullip. 20g. " - " GRID MC, st 8.17. Tail coll } potential  
sibs, offspring  
of ♀♀

2002 ♀ <sup>35 days</sup> Imm, nullip. 19.5g " - " " " st 9.17. Tail coll } 1460  
(36 days old  
29 Sept.)

2005 ♀ Mat, imp, parous 42g. " - " Upper Bridge 2, st 2.11

Nov 5 2013 ♀ Mat, imp, parous 35g. " - " " " 2, st 2.10

Dec 1 2017 ♀ Imm, imp, nullip. 22g " - " GRID RC, st 6.15

Probable offspring of ♀♀ #030 based on locality only <sup>42 days old</sup>

Dec 2 2019 ♀ Imm, imp, nullip. 20.5g " - " GRID RC, st 6.15. } <sup>40 days</sup>  
22 Oct

Probable offspring of ♀♀ #030 based on locality. Also, radio tracked

in same location as #1789 (see telemetry data for details). <sup>38 days</sup>

2032 ♀ Mature, imp, nullip. 34g. Ear-tagged. GRID RC, st 6.11



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PEROMYSCUS CALIFORNICUS  
Cages 1 & 3

Hastings Reservation, Monterey Co., Calif

Cage 1 - ♀ 1491 & 1511 & 1477

Cage 3 - ♀ 1492

March 14 put her in clean enclosure.

put her in clean enclosure

April 3 28g, late luteal phase. Cleaned cage.  
1511 - 29g, SAD phase. Pulled out  
of cage w/ ♀♀ 1461

Cleaned cage. Added ♂ 1512, 28.5g,  
luteal phase (pulled from ♀♀ 1461)

1492 - 45g, SAD phase. - too

April 18 Cleaned cages, put each in  
a different small plastic cage

Cleaned cage. 1300h.

1492 - 46.5g, SAD phase. - huge

1491 - 33.4g, SAD phase.

1512 - 32.5g, SAD phase, TD!

1511 - 38.8g, SAD phase

1477 - 39.4g, SAD

May 4 - cleaned cage 1100h.

1492 - 43g, EM, imp

1512 - 35g, SAD, TD.

May 17 - cleaned cage 1100h

1492 - 43g, M, imp

1512 - 36.5g, M, TD!

April 28 1145h - 1477 34.5g, imp. <sup>Smear</sup> leukocytes - 80 } Diestrus  
nucleated ep's - 20 }  
cleaned cage 1511 - 39.0g, imp mostly cornified ??

1491 - 30g, imp. <sup>leuk - 30</sup> <sup>nucleated - 30</sup> <sup>cornified - 20</sup> <sup>trash - 30</sup> Think it is mostly trash? check again.

April 29 1030h - 1477 imp 95% leuko, 5% epith.

1511 imp 95% leukocytes, 2% epith, 3% trash

1491 imp 95% leuko 4% trash, 1% epith

April 30 1100h - 1477 imp 75% l, 10% nucleated ep, 15% mucous

1491 imp - 95% l, 5% mucous

1511 imp - 95% l, 5% mucous

May 1 1110h - 1477 semi-perf. 90% l, 10% - epith (cornified & non)

1491 imp. - 95% l, 5% m

1511 imp - mostly mucous, only cell type leukocyte.

May 2 0830h - 1477 - 90% leuk. 1491 - 95% l

1511 - 95% leuk

May 4 - 1100h - cleaned cages

1511 - 34g, semi-perf. <sup>veritable slide</sup> can't tell.

1491 - 33.5g, semi-perf. <sup>estus!!</sup> 95% corni. 5% nucleated

1477 - 36.5 imp. <sup>70% leuk</sup> <sup>20% nuc. c.</sup> <sup>10% cornified</sup>

May 11 - 1000h

1511 - 90% leuk, 10% imp

1491 - imp, trash slide

1477 - semi-perf, 95% leuk, 5% imp.

May 12 - 0900h

1491 - semi-perf. <sup>trash, some leuk</sup>

1511 - imp - trash.

1477 - semi-perf 95% l, 5% nuc

May 17 - cleaned cages

0

$$\begin{array}{r} 16.6 \\ - 8.4 \\ \hline 8.2 \end{array}$$

May 17 14661-~~375~~ 47.5g. in  
Babies # 0100 ♂ 11.5  
# 0200 ♂ 12g

H12  
↳ 41.5g TD

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~~PEROMYSCUS~~ PEROMYSCUS CALIFORNICUS

Captive (~~Cage 3~~)

Cage 5

Hastings Reservation, Monterey Co., Calif

♀ 1493 - offspring of ♀ 1441

♂ 1476 - offspring of ♀ 1461

- Feb 19 Introduced these two into 42 enclosure above.
- 1493 - 21g, immature
- 1476 - 33.5g, <sup>SAD pelage.</sup> ~~immature~~
- Feb 22 0900h - 21.5g, collected tissues
- March 4 Checked on animals on my way back to Berkeley today around noon. Mice in this cage and adjoining cage (1461-1412) had chewed through the partition and were mixed between the two sides. I put them back on the correct sides and tried to block the hole.
- March 9. Checked on animals this am and they had chewed through partition again. 1476 ♂ was huddled in the corner and his tail was swollen and chewed up. And couldn't find offspring of <sup>1441</sup> ~~1441~~!! Found them dead in cage next day (see 1461 notes). Perhaps, 1476, being the only non-related mouse killed <sup>1441's</sup> ~~1441's~~ babies and was subsequently attacked by the breeding male and/or female ?? I took 1476 out and put him in a plastic cage with food and water.
- March 13 1493 - 34g, SAD. cleaned cage.
- March 14 Tried again, put these two in a large plastic cage together. Put cage up in cabin in order to keep an eye on them.
- April 3 1100h - cleaned cage
- 38.5g, SAD pelage.
- 38g, TD (barely). Tail still swollen, but appears fine.
- April 18 cleaned cage 1300h 40g, Mature male
- imp.
- 39.2g, TD.
- May 4 1100h - cleaned cage. 54g. Pregnant!
- 42g, TD
- May 10 Gave birth to 2 young in my absence! Look > 2 days old.
- May 17 Cleaned cage, 1493 - 46.5g
- 40g, TD
- Babies ♀ - 9.25g ♂ - 9.5g
- 44.5g





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PEROMYSCUS CALIFORNICUS  
Cage 2

Hastings Reservation, Monterey Co., California

♀ 1461

♀ 1477

♂ 1412

- March 14 Today at ~1500h I dusted 1461 with Green fluorescent powder. I left her in a small plastic cage for ~30 min with newspapers to rub off excess powder. Should repeat March 16.
- March 16 1600h - redusted 1461 with Green. Left her in separate cage for ~90 min.
- March 19 1400h - collected tissues and ear-tagged babies.  
19.8g - #01, ♀, ear-tagged #151 } eyes open.  
20.0g - 040, ♂, ear-tagged #152 } Still suckling  
1461 - 43.5g, imp. Early preg?
- March 22 0900h - checked babies for sign of powder.  
Both had green clearly visible around mouth and in ears.
- March ~~22~~<sup>29</sup> 2100h - checked #151 with UV lamp, and GREEN barely visible in ears.  
And, 1461 gave birth today (I checked her yesterday, 1500 1600h, and she was pregnant). Two babies, look like 1 ♂, 1 ♀
- ~~March~~ April 4 1100h - cleaned cage.  
1461 - 40.5g, imp.  
#01000 ♀? 8.2g.  
#04000 ♂? 8.3g.  
40.5g SAD pelage. 45g, TD. (Fat)
- April 14 1300 - Cleaned cage.  
1461 - 45g, imp, preg?  
01000 ♀ 18.0g  
04000 ♂ 18.3g.  
39.4g, SAD pelage  
Put in separate small cage. 43g, TD
- May 4 1100h - cleaned cage. 44g, sperm plug!  
Gave birth to 2 more young! Look 1 or 2 days old. 2 ♂'s. Didn't mark.  
Pinna erect  
tooth smear full of sperm!!  
43.5g, TD
- 01000 ♀ at 1562, 2 days, coll tissues - put in cage w/ 1564 ♂ 1564!  
04000 ♂ 1563, 25g, " " - put in cage w/ 1564 ♀ 1565! 1565!

$$\begin{array}{r} 21.4 \\ - 8.4 \\ \hline 13.0 \end{array}$$

April 18 1300h cleaned cage.

♀ 1441

52.2g, mp,  
doesn't seem pregnant

→  
1410  
33.8g TD.

01000 - 14.4g ♀ }  
02000 - 14.5 ♂ } eyes open  
03000 - 14.6 ♂ }

RIBBLE, D.O.  
1988

PEROMYSCUS CALIFERNICUS  
Captive - (left cage)

Hastings Reservation, Monterey Co., Calif

♀ 1375 / 1461

Ear-tagged 28 June 1988, 20.5g, immature, on RC drift fence (E-F). Probable offspring of ♀ #1343. Caught 16 Oct 88, 34.5g, nullip, at 2nd crossing and put in captivity.

♂ 1412

Born 27 June 1988, offspring of ♀ 903 (1135) and ♂ 904 (1243)

Nov 1	37.5g, perforate. Cleaned cage
Nov 16	37g, imperforate (vulva swollen)
Nov 22	37g, imperforate. Cleaned cage
Dec 5	41.5g, perforate, pregnant (teats beginning to swell). Lost ear tag.
Dec 7	41.5g, imperforate, pregnant.
Dec 11	45.5g, pregnant - lactating (she must be close to giving birth).
Dec 12	1000h - still pregnant
Dec 13	1000h - 48g, still pregnant.
* Dec 14	1030h - Parturition - 2 offspring. They both appear to be male (♂).
Dec 15	0935h ♀♀ - 40g, imperforate offspring #1 - 4.2g #2 - 4.8g.
Dec 17	38.5g, imperforate. Collected tissues, cleaned cage, ear-tagged ♀♀ #1461.
	Baby #010 - 5.13g. Collected tail tip (Baby #1)
placenta	" #040 - 5.62g Collected tail tip (Baby #2)
Jan 5	43g, imp. May be pregnant Baby #010 - 16.1g ♀!! 040 - 17.8g ♂
Jan 9	43g, imp. #010 - 20g } still suckling! #040 - 22g }

40.5g, TD. Head still gray.
42.5g, TD. Mature pelage.
42.5g. TD.
44.2g, TD.
—

42g, TD. Collected tail tip
-----------------------------

42.5g TD
----------

44.5g. TD.
------------

10/11/99 300g

$$\begin{array}{r} 10.3 \\ 3.0 \\ \hline 6.5 \end{array}$$

$$\begin{array}{r} 11.2 \\ 3.0 \\ \hline 2.4 \end{array}$$

PIBBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS  
Capture - (left cage)

Hastings Reservation, Monterey Co., Calif

♀ 1375/14101

♂ 1412

in  
12 Jan

1500h - cleaned cage.

43g, TD.

♀ ♀ - 44g.

010-22g - Not suckling

040-23g. Still suckling.

13 Jan

ear tagged & collected tissues  
1476 - #040. ♂

1477 - #010. ♀

16 Jan

0900h - added food.

1476 - 25.5g

1477 - 25.1g

♀ - 44g, pregnant

24 Jan

0950h - 1461 - 41.5g. Gave birth to 2 babies  
in my absence! They are at least 3-4 days  
old because their backs are fully haired.

43.5g, TD

Baby 1 - 6.5g. ♀? Toe-clipped #01000

Baby 2 - 7.4g. ♂? Toe-clipped #04000

1476 - 30g. Immature Relax.

1477 - 33g. " "

27 Jan

0930h

Baby # 01000 - 8.8g } eyes still closed,  
# 04000 - 9.5g } fur on bellies

1476 - 31.5g.

1477 - 34g.

Feb 4

1030h. 1461 - 36g, imp. ~~♀~~ cleaned cage.  
04000 - 14.4g - ♀ - eyes open  
01000 - 13.7g ♀ - eyes closed.  
1476 - 29.5g.

35g TD

1477 - 34g, 33g

Feb 17

0930h 1461 - 47g, imp. Pregnant!

43g, TD.

04000 - 23.5g ♀

1477 - 31g - SAD pup - perf.

01000 - 23g ♀

1476 - 33.5g, SAD pup -

Put 1476 ♂ } together  
 240 ♀

Sp. IV 14000 ♀  
 21000 ♀

Lower 1044 G Atlantic 1461  
 010000 ♀ parts (114)

31.2  
 30.5  
 -19.5  
 ---  
 11

8  
 3.8  
 ---  
 4.2

RIBBLE, D.D.  
1988

PEROMYSCUS CALIFORNICUS  
Capture - (rt cage)

Hastings Reservation, Monterey Co., Calif

♀ 1441

Captured and tagged 30 Oct 1988, 41g, imp,  
nullip. From Robertson Creek at Robinson Rd.

♂ 1410

Born 29 June 1988, offspring of ♀ 901 (1295)  
and ♂ 902 (1332).

Nov 1 48g, imp. I don't think she is pregnant,  
her stomach is full and palpable.  
Cleaned cage.

30g, testes barely descended.

Nov 16 51.5g, imperforate.

33g, testes descended (TD).

Nov 22 54g, imperforate. Cleaned cage.

33.4g, TD

Dec 5 55g, imperforate

34.2g, TD.

Dec 11 53g, perforate

Dec 17 54g, imperforate, collected tissues.  
Doesn't seem pregnant. Cleaned cage.

34g, TD. collected tissues

(1989)

Jan 5 53g, imp. Cage was flooded so I put them  
in a large plastic cage and will have to wait  
for dry weather. Put them in lab.

35g, TD

Jan 11 54g, barely perforate. Cleaned cage  
and put them back in.

35g, TD.

Jan 24 1000h. 53g. Imp, gave birth recently!!

34.5g, TD

Baby 1 - ♂? 4.2g } Hairless, umbilical scar  
fresh. Must be  
2 - ♂? 4.0g } relatively new. Born  
yesterday based on  
Wt's.

Jan 27 0930h <sup>tail-clipped</sup> Baby 1 01000 - 5.05g  
04 - 6.0g

Feb 4 1030h - cleaned cage.

33g, TD

1414 - 48.5g, imp, but crusty.

01000 ♀ - 11.0g

040 - ♀ - 11.7g

Feb 17 0930h 1414 - 53g, early preg. (bumpy palpable)

34g, TD.

01000 - ♀ - 18.25g

04 - ♀ - 20.25g. grey.



23.5  
1) 27.7

2) 32.5

m

| | | | |

| | |

LIBBIE, D.D.  
1989

PEROMYSCUS CALIFORNICUS  
Capture - rt cage  
Cage 4

Hastings Reservation, Monterey Co., Calif

♀ 1441

♂ 1410

Feb 19 1500h - cleaned cage and put this pair with 0100(1492) in 1/2 side of enclosure.  
1441 - 53g, pregnant

1410 - 32.5g, TD

0100 - ear-tagged #1492 - 19g.

04 - ear-tagged #1493 - 21g. - Put in enclosure w/ ♂ #1476

Feb 22 0900h - 1441 still pregnant

1492 - 21g. Collected tissues.

Feb 26 1441 - still pregnant

Feb 27 1100h - Parturition - 3 offspring,  
look like 2 ♂, 1 ♀.

Feb 29 1130h - 1441 - amp.

#04, ♂ 4g. ✓

040, ♂ 4.2g.

04000 ♀. 41g. ✓

March 4 - see acct for 1493 - 1476 - babies fine

March 9 - see acct for 1493 - 1476 - babies missing!

March 10 This am I searched the cage and found babies #040 & 04000 dead in the nest box. Both of them had their heads chewed on from the rostrum to the braincase, with most of the brains missing. ~~It looks~~ The carcasses were bloated and rotting, so they must have been dead for several days. Collected tails and legs for possible DNA work.

March 13 1441 - 55g.

38g, TD.

1492 - 35g SAD. Put in ~~plastic cage~~ plastic cage - later transferred to left side

March 14. ~~Removed~~ 1441 - 49.5g. Perforate

April 2 - Gave birth to 3 young today!

all 3 babies = 13.0g

April 3 Perf, #55g. 2 ♂, 1 ♀ ??

35.5g. TD



ZIBBLE, D.D.  
1989

Peromyscus CALIFORNICUS  
(captive - left cage.  
Cage 2

Hastings Reservation, Monterey Co., Calif

♀ 1461

♂ 1412

Feb 19 1500h - cleaned cage today and put this pair with offspring 1477 in 1/2 of our enclosure  
1461 - 46.5g pregnant  
42g, TD.

1477 - 37.5g SAD

1476 - 33.5g SAD - put in cage w/ 1493♀

{ eartagged #1490 - 04000 - ♀ 23.25g } put in separate  
" - " #1491 - 01000 - ♀ 23.5g } 1/2 of cage.

Feb 22 1461 - still pregnant

1490 - 24.2g Collected tissues

1491 - 23.7g Collected tissues

Feb 23 1461 - pregnant

Feb 24 1745h - [1461 gave birth to 2 babies]  
call today perinatal - Looks like the  
2 babies are different sexes.

Feb 25 1461 - 42.5g, perforate 1800h

♂? - 5.4g. feed # 040

♀? - 5.5g feed # 01

Feb 29 1122h

1461

040 - 7.7g - ♂ } back well haired.

01 - 9.6g. ♀

March 4 (Added SAO ♂ 1506 to cage w/ 1490's (1491)  
wounded animal from GRID WE.

March 13 Cleaned cage

41.5g. TD

put in plastic cage 1461 - 31.5g 1490 - 30.2g SAD pelage?  
1491 - 31.5g SAD " } separate cage

1461 - 41.5g.

1477 - 44.5g. EM "

040 - 17.8g ♂ } eyes open.  
01 - 18.9g ♀



RIBBLE, D.D.  
1989

PEROMYSUS CALIFORNICUS  
Cage 5 (1493, 1476)

Hastings Reservation, Monterey Co., Calif

~ May 4	♀ 1493 (♀♀ 1441)	♂ 1476 (♀♀ 1441)
~ May 8	Birth to 2 young	
May 17	Cleaned Cage - <del>54g</del> 46.5g. Baby's ♂ 9.25 ♀ 9.5g	40g.
June 1	Cleaned Cage, 1500h 50.7g, imperf, pregnt. #1618 ♂ 19g. collected tissues. 1619 ♂ 19g " "	42.5g, scrotal
June 8	checked cage - 3 newborns seen so did not so remove mice - # of ♀ not seen.	
June 14	- 1493 dead - in freezer 1619 - <sup>dead</sup> in freezer - had water + water bottle worked - had food - 1618 not found - ear tag not seen in the cage litter - some flattened fur found - possibly this animal - but unfortunately I did not save this - I dumped it with the rest litter but I wish I had saved it.	dead - put in freezer in lab
June 21	Cataloged all dead mice as follows, freezing tail, liver and saving skulls only. #1619 - Cat # 960 # 1493 - Cat # 961. not pregnant	#1476 - Cat # 962



RIBBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS  
Cage 6

Hastings Reservation, Monterey Co., Calif.

♀ 1490

1506 ♂

March 14 Put these two in a large plastic cage together and placed the cage on top of the enclosures. 1506 appears fine, leg appears healed(?) -

April 3 1100h - 36.5g, SAD pelage. cleaned cage.

37.5  
~~36.5~~g, Mature  
Pelage - TND

April 19 cleaned cage 1300h. - 31.5g, SAD pelage, unpleasfy.

35g, TND

May 4 1100h - cleaned cage. 39.5g. 2 Mat, imp.

38.5, TND (close)

May 17 1100h - cleaned cage. 47.5g. Mat, pregnant

38.5g, TD

May 24 <sup>1000h</sup> Gave birth to two babies since 1700h on 23 May

June 1 cleaned cage 1500h 43.5g, M, imperf, not pregnant.

cleaned cage 1500h  
escaped

babies: 01000 7.8g ♂

02000 7.8g ♂

June 3

recaptured ♂  
in trap and  
returned to cage.

June 8 cleaned cage 1100h 46.0g, M, imp, lact

escaped 1100h

babies: 01000 11g ♂

02000 11.5g ♂

June 9

recaptured in trap  
and returned to  
cage.

June 17 1490 - dead

1506 dead

babies: Alive

June 18 baby 0\_000 dead

June 19 baby - cage knocked over  
mouse gone

June 21 Prepared mortalities as skulls only, collected tail & liver

#1506 - Cat #963

1490 - Cat #964 Baby ~ Cat #965





RIBBLE, D.D.  
1989

PEROMYSCUS CALIFORNICUS

Cage 1 - ♀'s  
(1491, 1511, 1477)

Hastings Reservation, Monterey Co., Calif

May 17 Cleaned cages (see data sheets for estrus cycles)

May 25 Cleaned cages (see data sheets for estrus cycles)

June 1 Cleaned cages

1491 33g, M

1477 37.2g, late Sad

1511 37.4g, EM

June 7 Cleaned cages 1600h

1511 38g, EM

1491 29g, M

1477 36g, EM

June 15 cleaned cages

1477 36g

1491 33.5g

1511 36g

June 18 cleaned cages

1477 ~~40.5g~~ 39

~~1491~~ 33g

1511 40.5g

June 28 cleaned cages

1477 40g

1491 34g

1511 47g

July 7 cleaned cages 0900h

1477 43g

1491 34.5g

1511 52.5g

July 14 Cleaned cages

1477 36g

1491 31.5g

1511 50.5g

July 20 - 1000h cleaned cages

1477 40.5g

1491 - 35.5g

1511 - 54g (with cable tie)

July 28 - killed all 3

1477 - Cat # 978

1491 - Cat # 980

1511 - Cat # 983



RIBBON, D.O.  
1989

Peromyscus californicus  
Cage - 3 (1492, 1512)

Hastings Reservation, Monterey Co., Calif

♀ 1492 (♀♀ 1441)

♂ 1512 (♀ 1461)

May 17 1100h - cleaned cage 43g, Mature, unperf.

36.5g, M, TD.

June 1 Cleaned cage, 1500h 50.5g, imperf, Mature

40g, M, scrotal

June 17 Moved to smaller cage

June 18 Cleaned 1rgl cage

put 1512 in  
1rg cage -

put mom + 2 new borns  
in 1rg cage

June 20 found one of the babies dead. ♀ collected tail & liver samples  
head & rostrum chewed. Partially rotten.

June 28 1630h - cleaned cage

Put in plastic cage <sup>when</sup> ~~adult~~  
until baby 2-1-1.  
38.5g, in scrotal

45g

Baby ♂ 15g

July 7 1000h cleaned cage

41g, M, scrotal  
(put back in cage w/ ♀)

(56g) <sup>?</sup> 56g whelp

{ Ear-tagged baby 1674 and put in cage w/ 1623 }

July 14 Cleaned cage 1400h

40g, M, scrotal

46g, Imp

July 21 cleaned cage 1000h

42.5g, scrotal

50g, Imp

July 28 sacrificed - Cat # 975. Pregnant! 2 embryos,  
crown-rump = 11mm (saved in freezer)

Cat # 976

July 24 - 12th Street

Ribble, DD  
1989

Peromyscus californicus

Hastings Reservation, Monterey Co, Calif.

1624 ♀ (♀♀1441)

1628 ♂ (♀♀1461)

July 7 put together  
Sad, Imp, 40g

♂ Sad TND close 38g

July 14 cleaned cage 1400h  
Sad, Imp, 39g

♂ Sad, TND close, 38.5g

July 21 Cleaned cage.

SAD, imp. 39g.

SAD, 36g.

July 28 sacrificed Cat # 982.

Cat # 981

Pregnant! Zembryos (crown-rump = 12mm) - frozen



ZIBBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS  
Cage 2 (1461-1412)

Hastings Reservation, Monterey Co., Calif.

♀ 1461

♂ 1412

May 17 1100h - cleaned cage. 47.5g lactating/pregnant

41.5g

Babies # 0100 ♂ 11.5g # 0200 12g ♂

June 1 cleaned cage 1500h 48g, imperf, pregnant.

48g, scrotal

0200 ♂ # 1620 22g } collected tissues  
0100 ♂ # 1621 24g }

June 9 3 newborns seen -

June 15 cleaned cage 1000h.

1412

1621 29g

47g

1620 27.5g

June 22 1100h - cleaned cage this afternoon

47g, scrotal

1461 - 44.5g, imperf.

1621 - ♂ SAD, TWD. 34g

1620 - ♂ SAD, TWD. 30.5g } Put in metal cage

Babies: ♂ 13g  
♀ 13.5g

June 28 1630h - cleaned cage

1461 - 46g, imperf - pregnant?

48g, TD

1620 - ♂ SAD, 35.5g } Put in

1621 - ♂ SAD, 36.5g } separate cage.

Babies: ♂ 16.8g  
♀ 17.4g

July 7 Cleaned cage 1000h

54g

♂ 50g perf, preg?

1675 ♀ 23g } Collected tissues

1676 ♂ 23.5g } and ear-tagged

July 14 cleaned cage 1400h - ♀ gave birth within last 4 days  
♀ 44.5g - perf.

52g, m, scrotal

Pups 1 - 5.5g (♂)

1675 - 24.5g, Imm

2 - 5.5g (♂)

1676 - 24.5g, Imm





RIZBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS

Capture - rt cage  
Cage 4

Hastings Reservation, Monterey Co., Calif.

♀ 1441

♂ 1410

April 19 1300h - cleaned cage. 52.5g, imp, doesn't seem pregnant

33.8g TD

Young (tee-clipped):  
01000 14.4g ♀  
02000 14.5g ♂  
03000 14.6g ♂  
} eyes open

May 4 1100h - cleaned cage. 65g, imp. Pregnant!

36g, TD.

01000 ♀ et 1565 22g Coll tissues. - Put in separate cage w/ ♂ 1563  
02000 ♂ et 1564, 22.5g Coll tissues. - Put in separate cage w/ ♀ 1562  
03000 et ~~1565~~ 21g Coll tissues  
1560

May 10 Upon return to Hastings, found ♀ 1441 with a new litter of young.  
Born last week

May 17 1100h - cleaned cage ♀♀ 54.5g, imp.

35.5g, TD.

Babies: ± 0100 ♀, 10.5g } penis erect  
#0200 ♀ 11g } eyes closed.  
#0300 ♀ 11g }

♂ 1506 - 29.5g. Imm. preg.

June 1 Cleaned cage, 1500h 1441 60g, perf, pregnant?

33g, M, scrotal

♂ 1566 47g, Sad

Babies: 0300 ♀ 1622 19.5g

0100 ♀ 1623 19g

0200 ♀ 1624 19g

June 14 cleaned cage 1400h - 1441 has 3 newborns  
♀ 1624 27g im  
♀ 1622 26g im



RIBBLE, D.O.  
1989

Peromyscus  
californicus  
Cage 2 (1461-1412)

Hastings Reservation, Monterey Co., Calif

July 21

1000h - cleaned cage  
♀ 1461

♂ 1412

pups ♀ 9.1g  
♀ 9.7g

50.5g

1676 28.5g ♂, Imm +

1675 28g ♀, Imm

♀ 1461 41.5g, dusted RED

July 24

Redusted ♀♀ (pups) at 0900h. I had pulled the 2 babies off the ♀♀ and left them in the middle of the enclosure, about 15cm from the nest box. After releasing the ♀♀ back in, she made some attempt to take one of the ~~babies~~ pups back into the nest box, but was startled by noise Julie made in the next cage and she escaped into the nest box. About 1min later, older pup #1676 (I know it was this one because after all of this I looked into the nest box and 1675 was hiding between the nest box and side of cage) came out and picked up one of the pups by the scruff of its neck, carried it around on top of the nest box for ~15sec (stopping to get a better grip) and finally into the nest box. Phenomenal!! Helping Behavior. I wonder the relevance of this in the field??

July 29 redusted ♀ 1461

July 30 Ended this "successful" line of mice (coll tissues)

♀ 1461 - Cat # 987

1412 - Cat # 988

• 1676 - Cat # 989

PUPS - Cat # 990 & 991

Saved #1675 for backcross.



RIBBLE, D.O.  
1989

Peromyscus californicus

Capture - rt cage  
cage 4

Hastings Reservation, Monterey Co., Ca.

June 18

♂ ♀ 1441

♂ 1410

1000h cleaned cage

♂ 1566 50g

34.5g

1622 26g Im, Imp

1624 29.5g

1623 24.5

June 28

1430h - cleaned cage

♀ 1441 - 56g preg?

36g scrotal

1622 - 36g, SAD, imp.

1623 - 31g, SAD, up.

1624 - 38g, SAD, imp

} Put 3  
together  
in  
separate cage.

Babies 0100 14g ♀

0200 14.5g ♂

0300 15.5g ♂

1566 killed 48g - Cat #970

July 7

900h cleaned cage

64g preg?

37g

1671 - ♂ 19.5g (0200)

1672 - ♀ 20g (0100)

1673 - ♂ - 21.5g (0300)

} Ear-tagged  
and collected  
tissues

July 14

Cleaned cage 1400h - ♀ gave birth in last 3-4 days (3 pups)

♀ 56g, perf

♂ 35g

Pups: 1 - ♂ 5.4g

2 - ♂ 5.7g

3 - ♀ 5.2g, Pinna unfolding

1671 - ♂ 23g, Imm

1672 - ♀ 23.25g, Imm

1673 - ♂ Imm, 25g

July 21

Cleaned cage 1000h

Pups: ♀ - 9.3g ♂ - 10.3g  
♂ - 9.9g

♀ 1441 - 56g  
Dusted Green

1671 - 29g - Imm

1672 - 28g, Imm

1673 - 31g, ESad

♂ 1410

36g, scrotal



RIBBLE, D.D.  
1989

PEROMYSCUS CALIFORNICUS  
Captive - rt cage  
Cage #4

Hastings Reservation, Monterey Co., Calif

♂ 1410

July 24 Redusted ♀ with GREEN powder

July 29 Redusted ♀ 1441

This PM sacrificed ♂ 1410 (cat # 985) and ♂ 1671 (cat # 984)  
and photographed them under UV lamp

July 30 Sacrificed remaining mice and collected tissues

♀ 1441 - Cat # 986

♂ 1673 - Cat # 993

PUPS 994, 995, 996





RIBBLE, D.O.  
1989

Peromyscus californicus  
Cages 7 & 8

Hastings Reservation, Monterey Co., Calif

	♀ 1505 1503 (1441) — ♂ 1503 1505 (1441)	♀ 1502 1504 (1461) — ♂ 1504 1506 (1461)
May 4	put together cleaned cage	put together cleaned cage
May 17	28.5g, ESAD, imp. — 25g Imm, TND	30g, Imm, imp — 28g, Imm TND
June 1	1500h - cleaned cage	1500h - cleaned cage
	34.5, Sad, imperf — 33g, Sad TND (close)	34g, Sad, imperf — 34g, Sad, TND (close)
June 8	1030h - cleaned cage	1030h cleaned cage
	37g, Sad, 32.5g, Sad, TND	35g, Sad, imperf, — 32g,
June 17	1830h cleaned both cages — 34.5g imp 34g Sad TND	35g, — 33.5g
June 28	1610h - cleaned cage	cleaned cage
	37g, Semperf. SAD 34g, SAD, TD	40.5g, SAD, imp Late SAD 36g, TD
July 7	cleaned cage 0900h 41g imperf 36g Sad Bloody vagina L Sad	Cleaned cage 0900h 48.5g Em 37g, EM
July 9 or 10	Gave birth to 3 pups	Gave birth to 2 pups
July 14	Cleaned cage 1500h ♂ - 37g, Scrotal Pups # 01000 ♂ 7.4g 34.12g # 040 ♂ 7.8g ♀ - 43g, M, perf.	Cleaned cage 41g, lact. 37.25g # 01000 ♂ 7.4g Pups # 040 ♂ 7.8g
July 21	Cleaned cage 37g Sad, scrotal 51g, Pres? 42.5g, TD.	Cleaned cage 40.5g, lact 37g TD 01000 ♀! 12.2g 040 ♀! 12.1g
July 28	Sacrificed, Cat # 977 Cat # 979 Early pregnant (embryos look like sperm)	1600h - cleaned cage 36.5g TD # 040 ♂ - 18g # 1000 ♂ 18g 42.5g, lact
July 30		Sacrificed ♂'s coll tissue Cat # 992



Russell, D.O.  
1989

Peromyscus Californicus  
Backcrosses

Hastings Reservation, Monterey Co., Calif

♀ 1675 (♀♀ 1461) ♂ 040 (1567 ♀♀)

♀ 1672 (♀♀ 1441)

♂ 030 (1562 ♀♀)

Aug 13 Placed in same cage

Placed in same cage

35g, SAD, up

24.5g, Imm, TD

37g, SAD, up.

26g, Imm, TD.

Sept 24 Cleaned cage

Cleaned cage

32g, M, TD  
coll tid

41g, M, up

33.5g, SAD  
coll tid

Oct 8 Cleaned cage

Cleaned cage

55g, Pregnant!

36g, M, TD

49g Pregnant(?)

36g, TD

Oct 16 ~~Gave birth to 2 young~~

~~Gave birth to~~ Gave birth to 2 young

Oct 22 Cleaned cage.

Cleaned cage

43.5g.

35.5g, TD

42g. Pups (1♂:1♀)

36g, TD.

(Must have lost her litter?!).

Nov 17

♂♂  
sacrificed  
Cat #1034

Sacrificed.

Pups Cat #'s 1028, 1029

Nov 19 Cleaned cage - very pregnant!

♀♀ - Cat #1032

♂♂ Cat #1035

Nov 20 Gave birth to 2 pups between  
2100h (1 Nov) and 0700h (20 Nov)

Dec 15 Sacrificed

♀♀ Cat #1048

pups ♂ - 1050  
♀ - 1049



Ribble, D.O.  
1989

Peromyscus californicus  
(Backcross)

Hastings Reservation, Monterey Co., Calif.

July 7

1623 ♀ (♀♀1441)

1674 ♂ (♀♀1492)

put together

20g, TWO. Luma

32g Sad Imp

July 14

Cleaned cage 1400h.

34.5g Sad Imp

24.5g Imm, TND

July 21

Cleaned cage 1030h.

37.5g SAD, up.

26.5g, SAD, TWO

July 28

Cleaned cage 1600h.

39g, SAD, up.

27.5g, SAD, TWO (claw)  
tail chewed

Aug 6

Cleaned cage

Aug 13

Cleaned cage.

38.5g, Mat, perf.

34g, Mat, perf.

Sept 24

Cleaned cage. 41.5g, perf.  
coll tail

39g, TD  
tail chewed extensively!

Oct 8

Cleaned cage.

53g, perf. pups?

41g. Back chewed and tail  
a mess. Separated!!

Oct 14

Gave birth to 2 young either 13-14-15

Oct 22

Cleaned cage.

43g, 1♀, 10♂ pups.

44.5g. TD (still in sep. cage)

Pups #021, 022

Nov 17

Sacrificed. Pups cat 1030, 1031

Sacrificed Cat #1036

♀ Cat #1033



RIBBLE, D.O.  
1989

PEROMYSCUS CALIFORNICUS  
Capture ♀ #1562

Hastings Reservation, Monterey Co., Calif

Aug 6 Cleaned cage

Aug 11 Gave birth to 3 pups

Aug 13 Cleaned cage and paired pups (#040, #01030 [formerly 01000])  
with ♂ ♀s for backcross.

Sep 9 Sacrificed ♀♀ and 3 pups, collected tissues as follows

♀1562 - Cat # 998

Pups - Cat #s 999, 1000, 1001





RIBBLE, D.O.  
1989

TELEMETRY DATA  
Peromyscus californicus

Hastings Natural History Reservation, Monterey Co., Calif.

Nest site Locations





	♀1515 Ch7 ⊙	♀1500 Ch18 ⊙	♀000 Ch12 ⊙	♀1549 Ch2 ⊙	♀1175 Ch16 ⊙
June 30	0800 - collared WR - 15, 14 1730 R, N 16, 12	0815 - collared WR - 10, 7 1800h A, N 9, 8	0600 - collared MC - 9, 4 1845 R, N 10, 2-2	2300 - collared WR - 2, 1 <del>0800 - collared</del> WR - 3, 1 1800h R, N 1, 4	0900 - collared WR - 8, 5 1800h 8.3, 5
July 1	1500 R, N 16, 12	1500 R, N 9, 8	1900 R, N 10, 2-2		
July 2		1830h 9, 8 R, N	0600h 10, 2-2 trapped and removed collar.	1830h - no signal at 2.2, 0-8	1830 - in vicinity of 8, 5 but couldn't locate
July 3		0800 9, 8 captured removed collar		0900h 1, 4 R, N	1830h R, N 8.8, 5.2 in nest of ♂♂ hand caught and removed collar
July 4				0900h 1, 4 R, N	
July 6				1830h 1, 4 R, N	
July 7				0730h trapped at 1, 4 removed collar	
July 13	MC ♀1381 Ch4 ⊙ 0600h collared W-9 1100h R, N 10, 5				
July 14	0630h R, N wood pile by upper shed				
July 15	1100h R, N " "				
July 16	0600h trapped @ wood pile.	39.5g, post-lect. Dusked.			



RIBB, D.O  
1989

Telemetry Data

Hastings Reservation, Monterey Co., Calif

	16 	4 	12 	18 
Dec 1	2200h - 2017, ♀, 22 St 16, 15			
Dec 2		0800-1709, 30.5g St 7, 15	0800-030, 49g St 5, 16	0800 - 2019, 20.5g St 6, 14
	NS	1100h Rest 4.5, 14 willow	1100h - 5, 15 <sup>Neotoma</sup> nest	NS
	NS	1700h " " Rest	1700h - 11	1700h Rest 4.5, 14!!
	Removed - 5, 14 malfunctioning	2200h Active 11/5 5.5, 13	2140 h - 5, 15 active	2200h 4.5, 14 R.
Dec 3		0800h ————	Removed all collars	—————



RUBBLE, D.O.  
1989

# DISPERSAL DATA

Hastings Reservation, Monterey Co., Calif.

Location: downstream from RC

	St	Spp	No	Wt	Sex	Ag	Redg	Comments
May 22, 89	W3	P.b.	04101	22.5	<del>♂</del> ♀	M	postlac perf	d.f. animal
	W5	P. calif	1528	24.5	♂	sad	trnd	
	W7	Neotoma	—	235	♀	M	postlac imp	
	W9	P.b.	01432	26.0	♂	M	scr.	d.f. animal
	W9	P.b.	—	27.0	♀	M	preg. imp	
	W11	P. calif	1421	41.5	♀	M	lac	
	W11	P.b.	—	25.0	♂	M	scr.	
	W13	P.b.	—	24.0	♀	M	par. imp	
	W15	Perog.	—	27.5	♂	M	scr.	
	W17	P.m.	—	18.0	♂	M	scr.	
	W17	P.b.	02242	23.5	♂	M	scr.	
	W21	P.b.	—	22.5	♂	M	scr.	
	W23	Perog	—	29.0	♂	M	scr	
	W23	Neotoma	possible e.t. rip	260	♂	M	scr	
	W27	Neotoma	—	270	♀	M	postlac perf.	
(N)	W29	P. calif.	1590	20.5	♂	imm		sparse underfur white tail tip
	W31	Neotoma	—	205	♀	M	postlac	
	W35	Neotoma	—	240	♀	M	postlac imp	
	W35	P.b.	—	24.5	♂	M	scr.	
	U1*	P.b.	—	21.0	♂	M	scr	*upstream
	U3	P.b.	—	25.0	♂	M	scr	
	W37	P.b.	—	22.5	♂	M	scr	
(N)	W37	P. calif.	1591	40.0	♀	M	postlac imp	white tail tip
	W39	P.b.	—	23.5	♂	M	scr	
	W39	P.b.	—	26.5	♀	M	lac imp	



RIBBLE, D.O.  
1989

# DISPERSAL DATA

Hastings Reservation, Monterey Co., Calif

Location: downstream from rc

	St	Spp	Nb	wt	Sex	Age	Body	Comments
May 22 cont. (N)	W41	P. calif	1592	35.0	♂	subad	scr	
	W43	Neotoma	—	95	♀	imm	null. imp	
	W43	Neotoma	—	22.5	♀	M	postlac imp	
(N)	W45	P. calif	1593	27.0	♀	early subad	null. perf	
(N)	W47	P. calif	1594	40.0	♂	M	scr	
	W47	P. b.	—	27.5	♂	M	scr	
(N)	W51	P. calif.	1595	34.5	♂	early M	scr	tail bobbed
(N)	W53	P. calif	1596	36.5	♀	M	lac	
	W53	P. b.	—	25.0	♀	M	lac	
	W55	P. b.	—	25.5	♂	M	scr	
	W57	Neotoma	—	130	♀	imm	null. imp	
	W59	P. b.	—	28.0	♂	M	scr.	
	W59	Microtus	—	35.0	♂	M	tnd	
(N)	W61	P. calif	1597	28.0	♀	imm	null imp	white tail tip
	W61	P. b.	—	26.0	♀	M	lac	
(N)	W67	P. calif	1598	45.0	♀	M	preg. lac	
(N)	W69	P. calif	1599	33.5	♂	late subad	tnd close	white tail tip
	W71	P. b.	—	19.5	♂	subad	tnd	mottled tail
	W71	Rm.	—	11.0	♂	M	scr	
	W75	P. b.	—	24.5	♂	M	scr	
May 23	W85	P. b.	1442	27.0	♀	M	lac	





RIBBLE, D.D.  
1989

# DISPERSAL DATA

Hastings Reservation, Monterey Co., Calif

Location: from gate along lane

May 22	St	Spp	No	wt	Sex	Age	Body	Comments
	1	Neotoma	—	240	♂	M	serotal	
	7	P. b.	—	26.0	♂	M	scr.	
	11	P. b.	—	25.0	♂	M	scr	
	17	Neotoma	1894 H 1893 rt	240	♀	M	postlac	torpid P. Kelly ear tags
	19	P. b.	—	29.0	♀	M	nul. per	
(N)	23	P. calif	1600	38.5	♂	M	scr	
(N)	23	P. calif	1601	38.0	♀	M	lac	caught in same trap
(N)	23	P. calif	1602	20.0	♂	imm	ind	
(N)	29	P. calif	1603	33.5	♂	M	scr	
	27	Neotoma	—	245	♀	M	postlac	torpid return to lab
	37	Neotoma	—	275	♂	M	scr	
	37	Neotoma	1944 H 1943 rt	220	♀	M	lac	
	39	P. b.	—	20.0	♀	M	par. imp	
May 23	40	Neotoma	—	150g	♂	imm	ind	
	40	Neotoma	—	300g	♂			
	40	Neotoma	1815 1815	300g	♀	M	lac	
	38	Neotoma	—	320g	♂	M	scr	
(N)	36	P. calif	1604	42.0	♀	M	lac	
	36	P. b.	—	24.0	♀	M	par imp	
	34	Neotoma	11965 11964	340	♂	M	scr	
	34	P. b.	—	31	♀	M	preg	
	31	P. calif	1603	recap				
(N)	25	P. calif	1605	45.0	♀	M	lac	
	23	P. calif	1602	recap				
	23	P. calif	1601	recap				



ZIBBIE, D.O  
1989

DISPERSED DATA

Hastings Reservation, Monterey Co., Calif

Location: downstream from RC

St	Spp	No	wt	sex	Age	Bdy	Comments
May 23	Neotoma	1838	300	♂	M	ser	
	Neotoma	1889	300	♂	M	ser	
	Neotoma	1898	300	♂	M	ser	
	P. calif	1606	46	♀	M	lac old sperm plug	
	P. calif	1600	recap				
(N)	Neotoma	recap	250	♂	M	ser	
	P. calif	1607	30	♂	subad	ind	
(N)	P. b.	—	22.5	♀	M	par imp	
	P. calif	1608	35.0	♂	subad	ind	
(N)	P. calif	1599	recap				
	P. calif	1598	recap				
(N)	P. b.	—	13.0	♂	imm	ind	
	P. b.	—	22.0	♀	M	lac	ankle deep in muck
(N)	P. b.	—	24.0	♂	M	ser	
	Neotoma	300		♀	M	lac	
(N)	Neotoma	recap					
	Neotoma	recap					
(N)	P. b.	recap	29.0	♀	M	lac	
	Neotoma	recap	19.5				
(N)	P. calif	recap	10.0	♀			
	P. b.	—	ser	♀			
(N)	P. calif	—					
	Neotoma	—					
(N)	P. calif	recap	1894				
	Neotoma				imm		
(N)	P. b.	—	27.0	♀	M	lac	
	P. b.	—					



RIBBON, D.O.  
1989

# DISPERAL DATA

Hastings Reservation, Monterey Co., Calif

~~Loc~~ Location: TCC down stream

	St	Spp	no	wt	Sex	Age	Body	Comments
May 23	39	Perog	—	24.0	♂	M	scr	
	36	P.b	—	27.0	♀	M	lac <sup>per</sup>	
	34	Neotoma	—			M		
		P. calif						
	6	1/2						
	24							
	22							
	21							
	19							
	20	P.b	—	25.0	♂	M	scr.	
	18	P.m	recap	19.0	♂	M	scr	
	17	P.b	02242	24.0	♂	M	scr	
	12	Neotoma	—					
	12	P.b.	—	22.0	♀	M	null imp	
	11	P. calif	1421		♀	M	lac perf	
	11	P.b.	recap	26.0	♂	M	scr	
	9	Perog	—	32.0	♀	M	peg	
	9	P.b.	recap	27.0	♀	M	spum plug	
(15)	8	P. calif.	1610	17.0	♂	imm	ind	probable offspring of 1421
	8	P.b.	01432	27.0	♂	M	scr.	
	6	P. calif		17.5	♀			
	6		—					
	3	P.b	4101	23.0	♀	M	perf par	



PURBLO, D.O.  
1989

DISPERSED DATA

Hastings Reservation, Monterey Co., Calif

Location: Upstream

	St	Spp	No	Wt	Sex	Age	Bldg	Comments
23 May	E87	californicus	1785			Juv		
	E89	Perogn.	—	23g	♀	Ad	IMP PAR	
	E93	baylis	-Dead					
	E99	baylis	—	24g	♂			Group
	E100	"	—	25g	♂			
	E104	"	—		♀			
	E105	"	IMP		♀	Ad		





RIBBLE, D.O.  
1989

# DISPERSAL DATA

Hastings Reservation, Monterey Co., Calif

Location: Upstream RC (DAG & Francis)

	St	Spp	No	wt	Sex	Age	Brdg	Comments
May 22.	E1	Neotoma	1207	290g	♀	Ad.	Imp Post-lac	bob-tail
	E8	californicus	1183	46g	♀	Ad	imp par, post lac	red dye on ears?
N	E9	Neotoma	1776	270g	♀	Ad	Imp par	Newly tagged bob-tail
	E12	californicus	1192	37g	♂	Ad	TD	
N	E18	"	1777	32g	♂	juv	TND	newly tagged
	E24	"	1559	44g	♀	Ad	imp par post lac	
N	E28	Neotoma	1778	212g	♀	Ad	par imp post lac	right ear torn (ear tag?) new tag
	E34	Sorex (dead)						
	E44	boylii	—	26g	♂	Ad	TD	ear nicked for ID
	E46	"	—	33g	♀	Ad	Imp, par preg?	"
	E54	Perognathus	—	38g	♀	Ad	par, imp preg	"
	E58	"	—	30g	♂	Ad	TD	"
	E60	boylii	—	23g	♀	Ad	imp, null	"
	E68	"	—	32g	♀	Ad	par, imp preg.	"
	E76	"	—	25g	♂	Ad	TD	"
	E86	"	—	28g	♀	Ad	imp, par	" (man-eater)
	E92	Perognathus	—	28g	♂	Ad	TD	"
	E96	boylii	—	26g	♂	Ad	TD	"
	E98	"	—	26g	♀	Ad	imp, par	"
N	E100	californicus	1779	48g	♀	Ad	imp, par	newly tagged
N	E104	"	1780	43g	♀	Ad	imp, par post-lac	"
N	"	"	1781	34g	♂	Ad	TD ±	"
N	E106	"	1782	39g	♂	Ad	TD	"



PURPLE, D.O.  
1989

DISPERAL DATA

Harpur Reservation, Monterey Co., Calif

Location: Upstream

23 May

St	Spp	No	WT	Sex	Age	Body	Comments
E2	Neotoma	1207	110g	♀	Ad	1st year	
E3	californicus	1183	360g	♂	Ad	TD	has ear tagged 11783 ear band clipped
E4	Peromyscus	—	17g	♂	Ad	TD	
E7	californicus	1183	360g	♀	Ad	1st year	ear clipped
E8	Neotoma	—	290g	♂	Ad	TD	
"	"	1176					MORIBUND died
E9	boylii	—	210g	♂	Ad	1st year	
E13	"	—	15g	♂	Ad	1st year	
"	californicus	1176	100g	♂	Ad	1st year	has 1176 ear tag
E14	boylii	—	240g	♀	Ad	1st year	
E15	Peromyscus	—	17g	♂	Ad	TD	MORIBUND
E16	boylii	—	310g	♀	Ad	1st year	
E17	"	—					
E18	Peromyscus	—	24g	♂	Ad	TD	
E19	boylii	—	31g	♂	Ad	TD	Notched ear
"	Peromyscus	—	24g	♂	Ad	TD	
E23	"	—	20g	♂	Ad	TD	Notched ear
"	Neotoma	—	210g	♀	Ad	TD	Notched ear
E24	boylii	—	34g	♀	Ad	1st year	Notched ear
E25	Peromyscus	—		♂	Ad	TD	Died
E26	Neotoma	—	84g	♂	Ad	TD	
E27	boylii	—	24g	♂	Ad	TD	
E28	"	—	20g	♂	Ad	TD	
E29	Peromyscus	—	20g	♂	Ad	TD	
E33	"	—	25g	♂	Ad	TD	



## DISPERSAL DATA

Location: Mahana Canyon - below

22 May Am

9m. 1 blue fish shark - low drift fence p. & trap



ZIBBLE, D.O.  
1989

# DISPERSAL DATA

Lower Madrone Canyon

5/23/89

WL  
WR

Hastings Reservation, Monterey Co., Calif

Location

23 May	St	Spp	No	Wt	Sex	Age	Body	Comments
	7	P. calif.	1381	43	♀	Ad	post-lac imp	40 toe clipped
	7	P. boylii	3110	24.5	♀	Ad	post-lac imp.	
	9	P. boylii	1141	21.5	♀	Ad	imp parous	tip of tail missing
	9	P. boylii	.	11.5	♂	juv.	TND	
	11	boylii			♂			recap dead
	11	boylii			♀			recap dead
	13	boylii	-	18.5	♀	sub-ad	post-lac imp	not ringing tip tail gone
	13	boylii		22.5	♂	Ad	part dec	recap
	15	Neotoma	-		♀	ad		recap, <del>recap</del> <sup>recap</sup>
	15	Peromyscus	-	25	♀	ad	post-lac parous	
	17	Reithro.	-	8.5	♀	Ad	parous	
	21	boylii	-	23	♀	Ad	post-lac	recap, torpid
	23	P. boylii	1509		♀			
	23	Neotoma	-	225	♀	Ad	post-lac	recap
	25	P. truei	-	22	♂	ad	TND	rock wall
	27	Neotoma	-	145	♀	sub Ad	pelv. slightly sep perf., imp.	sex medium
	29	P. truei	-	18+	♂	ad	TND	
	29	P. boylii	-	20	♂	ad	TND	

trap set 7 - 29 only = 20 traps & 12 sets





RIBBLE, D.O.  
1989

DISPERSAL DATA

Upper

Madrone Canyon  
Hastings Reservation, Monterey Co., Calif

Location: 23 May

23 May	St	Spp	No	Wt	Sex	Age	Redg	Comments
	3	P. <sup>truei</sup> <del>boylei</del>	2430	22.5	♂	Ad	TND	truei
	7	Perog.	-	23	♀	Ad	dark	racoon
	11	P. <sup>truei</sup> <del>boylei</del>	-	24	♂	Ad	TND	(spp?)
	11	Perog.	-	25.5	♀	Ad	imp post-lac	shrubs
	22	P. <sup>truei</sup> <del>boylei</del>	-	23	♂	Ad	TND	log
	25	<del>boylei</del> <sup>truei</sup>	-	23.5	♂	Ad	TND	grass & P. b.
	31	boylei	-	19	♂	Ad	TND	
	45	truei	-	23	♂	Ad	TND	brushy - grass
	17	Perog.	-	20.5	♂	Ad	TND	buckeye tree
	27	truei	-	23.5	♀	Ad.	imp. N.Y. like paper	in den + grass

Side net - 3 - 47, 57 - 69 = 29 sides or 58 traps



RIBBLE, D.D.  
1989

# DISPERSAL DATA

Hastings Reservation, Monterey Co., Calif

22 May Am Location: Upstream Madrone Canyon

	St	Spp	No	Wt	Sex	Age	Body	Comments
stream 22 May Madrone Canyon	4	Perognathus	1900	24g	♂	Adult	TD	In (dry) creek bed
	6	"	0320	26	♂	Adult	TPD (Between)	" "
	6	Peromyscus truei	2430	22	♂	Adult	Between	" "
	8	P. boylii	1031	23	♀	Ad.	Parous imperf. preg, n.i.	Under oak tree, 8m from stream
	8	Perog.	—	24	♀	ad.	Parous post lact.	ck. bw, poison oak h. rose
	14	P. boylii	—	22.5	♂	ad.	Between	In creek bed
not a tick	18	truei	20	21	♂	ad.	TPD	base of ear, sk. bad
	20	boylii	—	16	♀	sub ad.	non-parous imp. not lact.	buckeye nr. ck.
	22	Perog.	—	25.5	♀	ad.	post. lact.	leg. - sk. bad Rt. from fore club-foot
	28	P. calif.	New: 1701	37	♀	ad	post. lact. imperf. pelvis sep.	under log, brush, 5m from stream. Bringing back
	32	Neotoma fuscipes	—	213	♂	ad	TND	creek bed
tail prev. * "N" Dark tail tip. Coll tail toe-clipped.	32	P. californica	0220	40	♀	ad	imperf. parous post-lact	(rip in right ear, tail clipped) Under brush, 5m from stream.
	58	P. calif.	New: 1702	23	♂	subad.	TND	Under buckeye, 4m from bed. Toe clipped: 0002
	60	Neotoma	—	220	♀	ad.	post. lact. imp.	oak. buckeye on bank.
		P. truei	0410		♀	ad.	TND	In creek bed, only 4m from stream

22 May Pm 14 P. boylii 0401 22.5± ♀ ad post lact. in trap hole closed + mouse in AM

See. 2-46 56-68 = 29 sets ~ 58 traps



RIBBLE, D.O.  
1989

# DISPERSAL DATA

Hastings Reservation, Monterey Co. Calif

Location - array 23 May

23 May	St	Spp	Wo	Wt	Sex	Age	Body	Comments
	5	truii	—		Jr	juv		recap
	6	Perog.	—	26	♂	Ad	T. partly d.	creek bed
	8	boylii.	—	21.5	♂	Ad	T. partly d.	buckeye
	9	truii	—	19.5	♂	Ad	T. partly d.	recap near creek
	12	truii	—	25.5	♀	Ad	post-lac	recap
	16	boylii	—	26	♂	Ad	TND	recap
	21	truii	—	27	♀	Ad	very phys	post-lac
	23	P. calif	296	32.5	♀	Ad	post-lac imp	
	25	P. calif	1705		♂	Ad		recap
	25	truii	—	24	♀	Ad	post-lac	recap
	39	calif	0210		♂			
	41	calif.	1706		♀			turner

Set 1-17 every 10m, 10 up per side 3 + = 32 dnp  
 19-41 every 20m. = 24 dnp  
56

145

RIBBON, D.D.  
1969

# DISPERAL DATA

22 May

Hastings Reservation, Monterey Co., Calif

Location: Arroyo...

	St	Spp	No	Wt	Sex	Age	Body	Comments
22 May	1	P. truei	3410	23.5	♂	Ad	TND	creek bed, 4 cm. tail
	5	P. truei <sup>(?)</sup>	—	15.5	♂	Juv.	TND	In brush, 1 m above creek
	7	P. truei	—	18.5	♂	Ad	TND	Creek bed
	8	Neotoma	—	205	♀	Ad	Post-lac	Low brush, 5 m. above creek
	12	P. truei	—	19	♂	Ad	TPD (Between)	On cliffside in ck. bed.
	13	P. truei	—	26	♀	Ad	imperf. pelvis sep. post-lact	In creek bed
tail prev. cut.	✓ 15	P. calif.	0120 0000?	36.5	♂	Ad	TND	Low brush, 5 m. above ck. bed, torn ear, clipped tail, bringing back
	16	P. truei	—	26	♂	Ad	TND	Bush, 2 m above bed
	18	P. calif	New 1703	38	♀	Ad	imperf postlact	On slope, 2 m above bed Toe clipped: 0003
	24	boylei	—	15	♂	juv.	TND	Wk in tip on tail
	24	P. calif	1294	34	♂	ad.	TND	no. 4 for cliff.
	26	truei	—	23	♀	ad.	furrows not laid	buckeye - long, under A ck bed
	28	truei	—	20	♂	ad.	TND	old - young, not to the top.
	28	P. calif.	New 1704	33	♂	sub-ad.	TND	no. 4 for cliff not on top
	30	P. calif	New: 1705	39	♂	ad.	TPD (Between) nullip.	Clipped 5 <sup>th</sup> toe (thumb) of rear left. Under toyon, buckeye
	32	P. boylei?	—	14.5	♀	juv.		
	34	boylei	—	25	♂	juv.	TND	buckeye, toyon, wood not known
	36	P. calif	New: 1707		♂	sub-ad	TND	very cold & sluggish, (put in pocket) clipped 5 <sup>th</sup> & 2
	38	P. calif	New: 1706	22	♀	juv.	nullip.	Under toyon. Clipped 5 <sup>th</sup> & 1 toes
	40	Neotoma	—	185	♀	ad.	post-lact.	buckeye, rocks
not (?)	* 40	P. calif.	(1293) 0210	40.5	♂	ad	TND TD	Ear torn; taking back while-tail-tip. Ears not cut, tail not cut. Collected tail tip & toe-clipped

trip out: 1-17, 2x also 3 Aug 10 m. = 32 dhp

18-40 Aug 20 m. = 24 dhp

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RIBBLE, D.D.  
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DISPERSAL DATA

Hastings Reservation, Monterey Co., Calif

Location - Grid RC

	St	Spp	No	WT	Sex	Age	Bdgy	CAUGHT RELEASED				Comments
								IN	OUT	W	OUT	
June 8	W-10	P. b.	01302	23.0	♂	M	scrotal	X		X		
	W-9	P. b.	03230	RECAP					X		X	
	W-8.7	P. b.	04101	RECAP				X		X		
	W-8.3	P. b.	01442	RECAP			P-I	X			X	
	W-6	P. b.	01030	24.5	♂	M	scrotal		X		X	
closed III	W-6.3	Perognathus	0130	RECAP					X		X	
	W-5	Perognathus	02100	RECAP					X		X	
	W-4.3	P. b.	01232	RECAP				X		X		
	W-3	P. b.	02232	RECAP				X		X		
	W-2.5	P. b.	01212	33.5	♀	M	Pregnant		X		X	
	W-1	P. b.	02432	RECAP					X		X	
June 9	E-1.5	P. b.	0401	RECAP					X		X	
	E-4	Neotoma	1207	256.0		M		X				no tail
	E-4.5	Perognathus	02400	RECAP				X		X		
	E-5.5	P. calif.	1557	RECAP				X		X		
	E-5.5	P. calif.	1583	RECAP	♂	Imm	2 TNP		X		X	
closed II	E-6	P. b.	0212	RECAP			Imp, p-1?		X	X		
	E-6.5	P. calif.	1591	RECAP			Imp		X	X		Spin in side
	E-8	P. calif.	1793	RECAP					X		X	
	E-8.5	P. calif.	1735	RECAP	♂				X		X	
	E-8.5	P. calif.	1183	RECAP				X			X	
	E-8.7	P. calif.	1572	RECAP			Imp		X		X	
	E-11	P. b.	04430	RECAP				X		X		
	E-11	P. b.	01032	24.0	♂	M	scrotal		X		X	
	E-?	Scor. ornatus	2.5						X			dead Cat# 959
closed I	W-10	P. b.	01302	22.0	♂	M	scrotal	X		X		
	W-8.7	P. b.	03230	RECAP				X		X		
	W-8.3	P. b.	01442	RECAP			lost	X			X	
	W-6	P. b.	?						X	X		escaped
	W-5	Perognathus	02100	RECAP					X		X	
	W-4.8	P. b.	01030	RECAP					X		X	
	W-4.5	Perognathus	0130	RECAP					X		X	
	W-4.5	P. b.	02232	RECAP				X		X		
	W-4.3	P. b.	04101	RECAP				X		X		
	W-3	P. b.	01212	26.0	♀	M	lost		X	X		
	W-3	P. b.	02432	RECAP	♂			X		X		
	W-2.5	P. calif.	1610	21.0	♂	Imm	TNP	X		X		
June 12	E-1	P. b.	0402	RECAP	♂	M			X		X	
	E-1	P. b.	0417	24	♂	M	scrot	X		X		
(N)	E-1.5	P. b.	02422	19	♀	Sad	Imp, null	X	X		X	- Need tail tip if recap.
closed III	E-4	Neotoma f.	1207	RECAP				X		X		
	E-5	P. b.	01312	RECAP	♀	M	P-1?		X	X		
	E-5.5	P. calif.	1557	RECAP			Imp.	X		X		
	E-5.5	P. calif.	1588	RECAP	♂		TNP		X		X	



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DISPERAL DATA

Hastings Reservation, Monterey Co., Calif

WR - SOUTH ARROYO

	ST	SPD	NO	WT	Sex	Age	Body	Comments
July 15	1	P. calif.	1549	40.0	♀	M	Imp, parous	
	1	N. fuscipes	—	235	♀	M	parous	
	(N) 9	P. calif.	1737	39.0	♂	M	scrotal	
	(N) 9	P. calif.	1738	45.5	♀	M	Imp, nullip	
	21	N. fuscipes	—	155.0	♀	EM	Imp, nullip	
	25.3	N. fuscipes	—	145.0	♀	SAD	Imp, nullip	
	(N) 25.3	P. calif.	1739	30.5	♂	LSAD	TND	
	(N) 27	P. calif.	1740	40.0	♀	M	parous	
	29	N. fuscipes	—	145	♀	SAD	Imp, nullip	
	(N) 33	P. calif.	1741	32.5	♂	M	scrotal	
	(N) 33	P. calif.	1742	33.0	♀	EM	Imp, nullip	
	37	N. fuscipes	—	155	♀	EM	Imp, nullip	
	39	N. fuscipes	—	195	♂	EM	TND	
	(N) 41	P. calif.	1743	35	♂	SAD	TND	
	41	N. fuscipes	—	135	♂	Imm	TND	
	45	N. fuscipes	—	145	♂	SAD	TND	
	(N) 47	P. calif.	1744	33.0	♀	SAD	Imp, nullip	white tail tip
	19 (N) 47	P. calif.	1745	42.0	♀	M	Imp, parous	
	49	N. fuscipes	—	140	♂	SAD	TND	
July 16	2	P. truei	02020	23	♀	M	up, parous	
	4	P. californicus	1549	ROCAP				
	4	P. californicus	1553	37	♂	M	scrotal	
	8	P. californicus	1737	37	ROCAP			
	8	P. truei	—	23	♂	M	scrotal	
	12	N. fuscipes	—	160	♀	SAD	nullip	
	(N) 14	P. californicus	17589	27.5	♂	SAD	TND	
	(N) 16	P. californicus	1760	27	♀	SAD	nullip, up	
	18	N. fuscipes	185	185	♀	EM	nullip	
	22	N. fuscipes	—	165	♂	SAD	TND	
	24	N. fuscipes	ROCAP	140				
	(N) 30	Eutamias	1761	95	♀	M	up, post-lap	!
	(N) 31	P. californicus	1762	30.5	♀	EM	up, nullip	white tail-tip, TC#0300
	34	P. californicus	1741	ROCAP				
	34	P. californicus	1742	"				
	38	N. fuscipes	ROCAP					
	40	N. fuscipes	ROCAP	135				
	42	P. californicus	1743	ROCAP				
	19 (N) 42	P. californicus	1763	42.5	♂	M	scrotal	
7/19	44	N. fuscipes	ROCAP					
	44	N. fuscipes	—	225	♀	M	up, parous	
	46	N. fuscipes	—	210	♂	M	TND	
	48	P. californicus	1745	ROCAP				
	(N) 48	P. californicus	1764	41	♂	M	scrotal	
	50	N. fuscipes	—	235	♀	M	up, parous	
	50	P. truei	—	26	♂	M	scrotal	



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# DISPERSAL DATA

Hastings Reservation, Monterey Co., Calif

WR - West ARROYO

	St	Sp	No	WT	Sex	Age	Brdg	
July 15	1	Perognathus	—	34	♀	M	Preg.	
	1	P. californicus	1503	41	♂	M	Scrotal	
	3	P. calif.	1488	44.5	♂	M	Scrotal	
	3	P. truei	03000	22	♀	M	Imp, null	
	5	Perognathus	—	22	♂	Sad	TND	
	7	P. truei	—	24	♂	M	Scrotal	
	(N) 9	P. calif.	1746	32.5	♀	Sad	Imp, null	
	(N) 9	P. calif.	1747	30.5	♂	Sad	TND	white tail tip
	11	N. fuscipes	—	105	♀	Sad	Imp, null	
	(N) 13	P. calif.	1748	28	♂	Sad	TND	
	15	P. truei	—	18.5	♂	EM	TND	
	17	Perognathus	—	25	♂	M	TND	
	(N) 19	P. calif.	1749	39	♀	M	Imp, null	
	(N) 21	P. calif.	1750	32	♂	Sad	TND	
	23	N. fuscipes	—	205	♂	EM	TND	
	27	N. fuscipes	—	130	♀	Sad	Imp, null	
	(N) 27	P. calif.	1751	31	♀	Sad	Imp, null	white tail tip
	(N) 31	P. calif.	1752	32.5	♀	Sad	Imp, null	
	31	N. fuscipes	—	160	♀	EM	Imp, null	
	33	N. fuscipes	—	140	♀	Sad	Imp, TND	
3D	(N) 35	P. calif.	1753	39	♂	EM	TND	
	(N) 37	P. calif.	1754	37.5	♂	M	TND	
	(N) 27B	P. calif.	1755	38	♀	M	Imp, null	
	(N) 29B	P. calif.	1756	40	♂	M	Scrotal	white tail tip
	31B	Perognathus	—	26	♂	EM	TND	
	33B	P. boylii	—	19.5	♂	EM	TND	un
	33B	N. fuscipes	—	170	♀	Sad	Imp, null	
	(N) 35B	P. calif.	1757*	35.5	♀	M	Imp, null	* Toe clipped 0200
	2	P. californicus	1488	40	ROCAP			
	16	P. truei	—	18	♂	SAD	TND	
July 16	10	P. californicus	1746	ROCAP				
	12	N. fuscipes	—	160	♀	SAD	nullip	
	16	P. californicus	1750	ROCAP				
	22	N. fuscipes	—	ROCAP 140g				
	22	P. truei	—	21	♂	M	TND?	didn't get a good look
	28	P. californicus	1751	ROCAP				
	30	P. californicus	1752	ROCAP				
	(N) 32	N. fuscipes	ROCAP	155				
	32	P. californicus	1765	27	♀	SAD	up, nullip	
	32	N. fuscipes	ROCAP	125				
	34	P. truei	—	23.5	♂	M	Scrotal	
	(N) 34	P. californicus	1766	31	♀	SAD	up, nullip	
	36	P. californicus	1753	ROCAP				
	38	Perognathus	—	19	♂	M	TND	
	26B	P. boylii	—	19	♂	M	TND	
	32B	Perognathus	Escaped					
	32B	P. boylii	ROCAP	18	♂	M	TND	
	34B	P. boylii	—	25	♂	M	TND	
21	36B	Perognathus	—	20	♂	M	TND	



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PEROMYSCUS TRUEI

Hastings Reservation, Monterey Co., Calif.

- Jan 9. #03230 ♂ Mature, TND. 19g. Toe-clipped. GRID MC, St 10, 4.
- Jan 12 03240 ♂ Early Mat, TND. 18g " - " MC drift fence, St W-13 (out)
- Jan 25 03300 ♀ Mature, imp, nullip. 25.5g. " - " GRID MC, St 9, 4.
- Jan 30 02410 ♀ SAD, nullip. 110g " - " GRID WR, St 4, 6
- Feb 1 02420 ♀ Early Mat, imp, nullip. 19g. " - " " " St 13, 11
- 03310 ♂ Mature, TND. 22g. " - " MC drift fence, St W-9 (out)
- Feb 2 02430 ♂ Mature, TND (close) 21g. " - " GRID WR, St 11, 10
- Feb 22 03320 ♂ Early Mature, TND 18.5g " - " GRID MC, St 11, 18
- Feb 25 03330 ♂ Mature, scrotal. 23g " - " GRID MC, St 10, 7.
- Feb 27 024<sup>4</sup>~~30~~ ♀ Mature, imp, nullip. 18g. " - " GRID WR, St 4, 3
- March 2 03000 ♀ Mat, imp, nullip. 21.5g " - " " " St 2, 1
- March 3 03010 ♂ Mature, scrotal. 24g. " - " " " St 4, 2.
- March 14 03340 ♀ SAD, imp, nullip. 17g. " - " GRID MC, St 11, 5
- April 1 03020 ♀ Mature, imp, nullip. 24g " - " GRID WR, St 10, 7
- 03030 ♂ SAD, TND (close), 22g " - " " " St 12, 12.
- 03040 ♂ Mat, scrotal. 24g " - " GRID WR, St 10, 9.
- April 4 One of the bluebird field assistants (Daniel) told me about a nest of Peromyscus in bluebird box #2, near the school-house. I checked it out today and found a female Peromyscus with 4 babies. Took them back to the lab and collected their tail tips, labelled as follows (according to toe-tips)
- #01000, ♀ 3log, lacting (did it toe-clip?).
- #01000 ♀ 6.8g  
#02000 ♀ 7g  
#03000 ♀ 7g  
#04000 ♀ 6.8g
- } all suckling,  
eyes closed, pinna erect.
- April 5 #03400 ♀ SAD, nullip. 18g Toe-clipped. MC drift fence, St E-11 (out).
- April 10 03410 ♂ Mat, scrotal. 25g. " - " MC drift fence. St E-5 (in)





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Peromyscus truei

2

Hastings Reservation, Monterey Co., Calif

- April 11 03420 ♂ Imm. TND. 16g. Toe-clipped. GRD MC, St 10, 15.
- April 26 03100 ♂ SAD, TND. 18.5g. " - " GRD WR, St 2, 1.
- May 31 03110 ♂ E Mat TND. 21.5g " - " " " , St 10, 10.
- 03120 ♀ ESAD, imp, nullip. 15.5 " - " " " , St 9, 10
- June 1 03130 ♀ Imm, imp, nullip. 17g " - " " St 15, 15
- 03140 ♂ ESAD, TND. 15.5g. " - " " St 15, 12.
- P. boylii! : ~~03200 ♂ SAD, TND. 17.5g. " - " " St 15, 11.~~
- June 3 03210 ♂ Mature, scrotal. 20.5g. " - " " " , St 14, 13
- 03220 ♀ Imm, imp, null. 16.5g. " - " " " , St 16, 14
- June 4 03230 ♂ Imm, TND. 18g. " - " " , St 14, 12.
- 03240 ♀ SAD, nulliparous. 18g. " - " " St 14, 11.
- June 5 03300 ♀ SAD, imp, nullip. 16g. " - " " St 14, 13
- June 30 03310 ♀ Imm, nullip. 16.5g. " - " " " , St 16, 15.
- 03320 ♂ Late Imm, TND. 15g. " - " " " , St 13, 12.
- 03330 ♀ Imm, imp, null. 12.5g. " - " " " , St 11, 10.
- 03340 ♂ Imm, TND. 14g. " - " " " , St 2, 3.
- 03340 ♀ Imm, nullip. 14g. " - " " " , St 8, 7
- July 1 03400 ♂ Imm, TND. 13g. " - " " " , St 5, 6.
- July 2 03410 ♀ Imm, imp, nullip. 14.5g. " - " " " , St 3, 3
- July 4 ~~034~~
- July 27 03420 ♂ Imm, TND. 14g. Toe-clipped. GRD WR, St 2, 3.
- 03430 ♂ Imm, TND. 13g. " - " " " , St 1, 1
- July 28 03440 ♀ ESAD, nullip. 14.5g. " - " " " , St 15, 12
- 04000 ♀ ESAD, nullip. 14.5g. " - " " , St 4, 4
- 04010 ♂ Imm, TND. 13g. " - " " St 1, 3
- Oct 7 04020 ♂ SAD, TND. 19g. " - " " , St 8, 7



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PEROMYSCUS MANICULATUS

Hastings Reservation, Monterey Co., Calif

- Jan 6 #0220 ♂ Mature, TWD (close). 14g. Toe-clipped. MC drift fence St E-3 (out)  
#0210 ♂ Mature, TWD (close). 16g " - ". GRID MC, St 11, 15.
- Feb 3 #0230 ♀ Mature, up, nullip. 17g. " - ". MC drift fence, St E-11 (in)
- March 4 0240 ♂ SAD, TWD. 14g. " - ". " " " " E-7 (in)
- Oct 7 01420 ♀ Mat, post-lat. 20.5g. " - ". GRID MC, St 6, 8
- Dec 3 010 ♂ Mat. scrotal. 18.5g. " - ". Upper Body 2, St 2, 12



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NEOTOMA FUSCIPES

1

Hastings Reservation, Monterey Co., Calif

- Jan 5 # 1463 ♀ Mature, imp, nullip. 260g. Ear-tagged. MC drift fence, St W-11(in)  
1465 ♂ Mature, TND. 235g. " - ". GRID MC, St 9,4
- Jan 14 1479 ♀ Mature, imp, parous. 220g. " - ". GRID RC, St 4,18.
- Jan 31 1486 ♂ Mature, scrotal. 335g. " - ". GRID WR, St 6,4
- Feb 20 1494 ♂ Mature, scrotal. 345g. " - ". GRID RC, St 4,18.  
Not a new animal - both left & rt ear tags ripped out
- Feb 21 1495 ♂ Mature, scrotal 280g. " - ". GRID RC, St 8,17. Not a  
new animal, right ear tag ripped out.
- Feb 28 1502, ♀ Mature, imp, nullip. 190g. " - ". GRID WR, St 4,6
- March 2 1499-1425, ♀ Mat, imp, nullip, 190g. " - ". " ", St 15,15. Prev.  
tagged 1425, about to loose tag. so tagged left ear 1499.
- March 30 #1520. ♀ Mature, imp, parous. 235g. " - ". GRID WR, St 14,10  
Not a new animal, previously ear-tagged, but ripped out.
- April 6 1522 ♂ Mature, scrotal. 250g. " - ". " St 11,8  
1529 ♀ Mature, imp, parous 205g. " - ". MC drift fence, St W-5(in).
- April 11 1533 ♀ Mature, imp, lactating. 220g. " - ". GRID MC, St 11,4.
- April 28 1546 ♀ Imm, nulliparous. 130g. " - ". GRID WR, St 5,3
- April 27 1540 ♀ Mature, imp, post-lact. 230g. " - ". GRID WR, St 15,14
- April 29 1547 ♀ Mature, lactating 210g. " - ". GRID WR, St 15,15  
May 1 1552 ♀ Mature, lactating 220g. " - ". " ", St 10,10
- May 1 1552 ♂ Imm, TND. 53.5g. " - ". " ", St 8,5.
- May 11 1570 ♂ Imm, TND. 135g. " - ". GRID MC, St 10,12
- 1571 ♀ Mature, lactating. 235g. " - ". " ", St 9,9.
- May 15 1575 ♀ Imm, nullip. 125g. " - ". " ", St 9,13
- 1576 ♂ Imm, TND 86.5g. " - ". " ", St 5,8
- 1580 ♂ Imm, TND 100g. " - ". GRID RC, St 7,12
- May 16 1581 ♂ Imm, TND 100g. " - ". " ", St 8,13
- " 1583 ♂ Imm, TND 100g. " - ". " ", St 7,12



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Neotoma fuscipes

2

Hastings Reservation, Monterey Co., Calif

- May 18 #1584 ♂ Imm, TND. 75g. Ear-tagged. <sup>drift fence</sup> GRID MC, St W-9 (in)  
#1585 ♀ Mature, pregnant. 280g. " - " GRID RC, St 5, 17  
May 22 #1778 ♀ Mature, post-lact. 212g. " - " 280m upstream from  
RC east of.  
Possible ear-tagged before but ripped out.
- May 31 #1614 ♀ Imm, nullip. 110g. " - " GRID WR, St 14, 12  
#1615 ♂ SAD, TND. 140g. " - " " " , St 9, 7
- June 1 #1616 ♂ Mat, scrotal. 265g. " - " " " , St 1, 1.  
1617 ♀ Early Mat, imp, null. 195g. " - " " " , St 2, 1.
- June 2 1620 ♀ Imm, nullip. 90g. " - " " " , St 12, 12.  
1632 ♂ Imm, TND. 110g. " - " " " , St 3, 4.  
1633 ♂ SAD, TND. 160g. " - " " " , St 4, 2.
- June 3 1628 ♂ Mat, scrotal. 285g. " - " " " , St 13, 10.  
Not a new rat, prev. ear-tagged but ripped out.
- 1630 ♀ Imm, nullip. 100g. " - " " " , St 11, 8.  
1631 ♀ Imm, nullip. 105g. " - " " " , St 8, 8.
- June 4 1634 1635 ♀ Mat, imp, nullip. 115g. " - " " " , St 12, 10  
1636 ♂ Imm, TND. 75.5g. " - " " " , St 11, 8  
1637 ♂ Imm, TND. 125g. " - " " " , St 4, 3  
1638 ♀ Imm, nullip. 75g. " - " " " , St 3, 4.
- June 4 1639 ♂ Imm, TND. 89g. " - " " " , St 2, 1  
1634 ♀ Mature, imp, parous 300g. " - " MC drift fence, St W-9 (out)  
\* Not a new rat, p-e-t but ripped out.
- June 5 1643 ♂ SAD, TND. 155g. " - " GRID MC, St 10, 16  
June 22 1649 ♂ SAD, TND. 100g. " - " RC drift fence, St W-5.5 (in)  
1652 ♀ Imm, nullip. 125g. " - " GRID RC, St 4, 13  
1653 ♀ Imm, nullip. 55g. " - " " " , St 7, 12





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NEOTOMA FUSCIPES

3

Hastings Reservation, Monterey Co., Calif

June 23	#1050	♂	Immature, TND.	70g.	Ear-tagged.	GRID RC, St 6, 17
	1051	♀	Imm, nullip.	80g.	" - "	" ", St 5, 10
	1054	♂	Imm, TND.	60g.	" - "	" ", St 8, 12
June 24	1055	♂	Mature, scrotal	295g.	" - "	" ", St 6, 16
	Not a new rat, pet but ripped out					
June 26	1056	♂	SAD, TND.	190g.	" - "	MC drift fence, St E-11 (in)
	1057	♀	Mat, imp, post-lact.	255g.	" - "	RC drift fence, St E-3 (out)
June 27	1058	♂	SAD, TND.	175g.	" - "	GRID RC, St 9, 18
	1059	♀	Imm, nullip.	95g.	" - "	RC drift fence, St E-5.5 (in)
	1060	♀	late Imm, nullip.	120g.	" - "	GRID MC, St 11, 18
June 30	1063	♀	Imm, nullip.	110g.	" - "	GRID WR, St 8, 8
July 1	1064	♂	Imm, TND.	130g.	" - "	" ", St 8, 8
	1066	♂	Early Mat, TND.	195g.	" - "	" ", St 5, 5
July 2	1067	♂	Early Mat, TND.	160g.	" - "	" ", St 4, 6
July 3	1070	♀	Mat, imp, parous.	215g.	" - "	RC drift fence, St W-2 (in)
July 25	1772	♀	Mat, imp, parous.	190g.	" - "	RC drift fence, St E-5.5 (out)
July 27	1787	♂	Mature, scrotal.	335g.	" - "	GRID WR, St 15, 15
	Not a new rat, prev. ear-tagged but ripped out.					
Oct 6	1793	♀	SAD, nullip.	135g.	" - "	GRID WR, St 6, 6
	1796	♀	Mat, imp, parous.	260g.	" - "	GRID RC, St 5, 17
	Not a new rat, p.e.t. but ripped out					
Nov 3	#2009	♂	Mature, TND.	230g.	Ear-tagged.	Upper Budge L, St 1, 10
Nov 4	2006	♀	Mature, nullip	170g.	"	" St 3, 3
	2007	♂	Mature, scrotal.	210g.	"	" St 3, 5
	2008	♀	Mature, nullip.	155g.	"	" St 1, 6
	2011	♀	Mature, imp, parous	190g.	"	" St 11, 16
	2010	♂	Mature, TND	235g.	"	" St 8, 15



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NEOTOMA FUSCIPES

4

Hastings Reservation, Monterey Co., Calif

- Nov 4 #1800 ♀ Mature, parous. 170g. Ear-tagged. Upper Bridge 2, St 4,2  
(cont) 2003 ♂ Mature, scrotal 228g. " - " " " , St 4,11
- ~~Nov 4~~ 2014 ♀ Mature, imp, parous. 205g " Upper Bridge 1, St 2,4.
- Nov 5 2015 ♂ Mature, scrotal. 375g. " " St 8-16  
2016 ♀ Mature, imp, par. 260g. " " St 9,16  
2020 ♂ Mature, scrotal 240g. " Upper Bridge 2, St 4-5  
2012 ♀ Mature, imp, parous 200g. " " St 3-8
- Nov 6 2031 ♂ Mature, TWD. 180g " " St 3,13  
2027 ♀ Mature, imp, parous 205g " Upper Bridge 1, St 12,18  
2028 ♀ Mature, imp, parous 250g " " St 8,16  
2029 ♀ Mature imp, parous. 230g " " St 2,3
- Dec 2 2021 ♀ Mature, imp, parous. 220g. " GRID 10 & C, St 4,15.  
Not a new rat, pet. but ripped out.
- 2022  
~~2020~~ ♂ Mature, scrotal. 270g. " Upper Bridge 2, St 3,13
- Dec 3 2020 ♀ Mature, imp, null. 160g. " " " , St 3,18.
- Dec 4 2024 ♀ Mature, imp, parous. 225g " " " , St 4,3  
2023 ♀ Early Mat, imp, nullip. 125g. " Upper Bridge 1, St 1,6



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SYLVILAGUS BACHMANI.

Hastings Reservation, Monterey Co., Calif

Feb 16 #1489 ♂ Mature, testes not swollen(?), 600g. GRID RC, St 4, 15. Caught in Nat'l trap.



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MICROTUS CALIFORNICUS

Hastings Reservation, Monterey Co, Calif

April 16 #030 ♂ Mature, scrotal, 36g. Toe-clipped. GRID RC, St 6, 18  
\* assume this is a new vole; natural toe-clip number.

April 17 #02440. ♀ Mature, inf. parous. 47g " - ". GRID RC, St 4, 16

April 30 #010 ♂ Early Mat, TND. 29g " - ". GRID WR, St 16, 15  
1st Microtus tagged on WR (?).

May 11 #0200 ♂ Mature, TND. 35.5g. Toe-clipped. MC drift fence, St E-5 (in)

May 17 #03000 ♀ Imm, nullip. 21g. " - ". GRID RC, St 6, 18

June 1 #020 ♂ Mat, scrotal. 48.5. " - ". GRID WR, St 10, 10

July 3 020 ♀ Mat, imp. parous. 38g. " - ". GRID WR, St 14, 11





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PEROMYSCUS BOYLEI

(1)

Hastings Reservation, Monterey Co., Calif

Jan 5 #0121 ♂ Early Mat, TND. 19g. Toe-clipped. GRID MC, St 10, 12

0131 ♀ Mat, imp, nullip. 20g. " " " " , St 11, 18

0141 ♀ Imm, imp, nullip. " " " " , St 5, 8

Jan 6 0201 ♀ Mature, imp, nullip. 17g. " " MC drift fence, St W-9 (out)

0211 ♀ Mature, imp, nullip. 19g " " " " , St E-11 (out)

0221 ♂ Imm, TND. 15g " " GRID MC, St 5, 6

Jan 7 0231 ♂ Mature, scrotal. 24g. " " " " , St 7, 16

0241 ♂ Imm, TND. 14.5g " " " " , St 5, 12.

P. truei Jan 8 0301 ♀ Mature, imp, nullip. 17.5g " " " " St 11, 5.

P. truei 33? 0311 ♂ Imm, TND. 17.5g. " " " " St 6, 14.

0321 ♂ Mature, scrotal. 23g. " " " " , St 11, 18.

P. truei? Jan 9 0331 ♀ Mature, imp, nullip. 18g. " " " " , St 9, 5.

Jan 13 01412 ♂ Mature, TND. 22g " " GRID RC, St 8, 10

Jan 23 0341 ♂ Early SAD, TND. 17g. " " GRID MC, St 5, 7

0401 ♂ Immature, TND 16.5g " " " " , St 9, 16

Jan 24 0411 ♂ Imm, TND 15.5g " " " " , St 10, 11

Jan 24 01432 ♂ Mature, TND 22.5g " " RC drift fence, St W-5 (in)

Feb 25 0421 ♀ SAD, imp, nullip. 17g " " MC drift fence, St E-1 (in)

March 2 01010 ♀ Mat, imp, parents, 21g. " " GRID WR, St 16, 14

01020 ♂ Mature, scrotal. 22.5g. " " " " , St 5, 6

March 3 01030 ♂ Mature, scrotal. 23g. " " " " , St. 3, 1.

0431 ♀ Mat, imp, parents. 22g. " " MC drift fence E-9 (out)

March 11 0441 ♀ Mat, imp, nullip. 20g " " " " W-9 (out)

01001 ♀ Mat, imp, nullip. 18g " " " " E-1 (in)

March 13 01011 ♀ Mat, imp, nullip. 20g. " " GRID MC, St 9, 4.

March 21 01422 ♀ Early Mat, imp, nullip. 20g. " " RC drift fence, St E-85 (in)

March 30 01021 ♀ Early Mat, imp, nullip. 18g. " " MC drift fence, St E-9 (in)



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Peromyscus BOYLEI

2

Hastings Reservation, Monterey, Co., Calif

- April 2 #01432 ♀ Mat, imp, nullip. 23g. Toe-clipped. RC drift fence, St W-2.5 (in)  
01442 ♀ Mat, " " - 21.5g. " - " " " " , St W-8 (out)  
02002 ♀ " , " - 24g. " - " " " " , St E-8.3 (out)
- April 4 02012 ♂ Mat, scrotal. 22.5g " - " " " " St W-2 (in)  
April 6 02022 ♀ Mat, imp, nullip. 20.8g " - " " " " St E-6.5 (out)  
April 10 01031 ♀ Late SAD, nullip. 20.5g. " - " GRID MC, St 8, 18.
- April 12 01041 ♀ Mat, imp, parous. 22g " - " " " St 10, 10.  
02022 ♂ Mat, scrotal. 19.5g " - " TLC drift fence, St W-1 (in)  
02032 ♀ Mat, perf, parous. 23g " - " " " St E-3 (in)
- April 13 02042 ♂ Mat, scrotal. 24.5g " - " " " St E-6.5 (out)  
01101 ♀ Mat, imp, nullip. 24g " - " MC drift fence, St E-7 (out)
- April 14 01111 ♂ Mat, scrotal 24.5g. " - " GRID MC, St 10, 8  
01121 ♂ Mat, scrotal 22g " - " " " St 6, 8.
- April 16 01131 ♂ Mat, scrotal 23.5g " - " MC drift fence, St W-1 (out)
- April 17 02102 ♀ Mat, perf, null. 24.5g " - " RC drift fence, St E-1 (in)  
02112 ♀ Mat, imp, nullip. 24g. " - " GRID RC, St 9, 18.
- April 18 01141 ♀ Mat, imp, nullip. 23.5g " - " MC drift fence, St W-11 (in)  
01201 ♀ Mat, lactating. 25.5g " - " " " St E-1 (out)  
02122 ♀ Mat, pregnant. 32g. " - " RC drift fence, St W-10 (in)
- This am of RC drift fence, St W-<sup>8</sup>~~10~~ (in) I caught ♀ 04101  
with a newborn neonate in the trap. Returned her to the lab  
and put her in a plastic cage. Within 30 min she gave birth  
to 2 more babies and appears to be taking care of them appropriately.  
I guess she stuck with them for a while!
- April 27 01040 ♂ Mature, scrotal 26g. " - " GRID WR, St 16, 14.  
April 28 01100 ♀ Mature, imp, parous? 25g. " - " " " St 10, 10.  
02130 ♂ Mature, scrotal. 25.5g " - " RC drift fence, St E-10 (in).  
April 30 01110 ♂ Mature, scrotal. 24g " - " GRID WR, St 15, 13



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PEROMYSCUS BOYLEI

3

Hastings Reservation, Monterey Co., Calif

April 30 #02142 ♀ Mature, pregnant. 32.5g. Toe-clipped. ~~RC~~ drift fence, St E-1 (out)

#02202 ♂ Mature, scrotal 22g " - " " " " , St E-6 (in)

May 1 #01211 ♂ Mature, scrotal. 24g. " - " MC drift fence, St W-9 (out)

May 2 #02212 ♂ SAD, TND. 17g " - " RC drift fence, St W-6.3 (in)

This afternoon I collected tail tips <sup>1/2 toe-tips</sup> from ♀ 04101, captured young with 18 April, and her two pups (see info below) - I then put them in their cage out in the field ~ 6m west of St W-7. Tonight I will crack the cage open, allowing them to escape

#02222 ♂ Neonate. 8.5g. Toe-clipped - Offspring of ♀ 4101 } Tissues coll  
#02232 ♀ " - 9g. " - " " " } Eyes still closed, but toes, ears fully developed

May 3 #02242 ♂ Mat, scrotal. 22g. " - " RC drift fence, St W-1.5 (in)

02302 ♀ Mat, imp, nullip. 21.5 " - " " " " , St W-11 (out)

This am there was no sign of ♀ 4101 and her pups (see above), another successful reintroduction!

May 10 #0221 ♀ Imm, nullip. 11g. " - " GRID MC, St 5, 7

01231 ♂ Imm, TND. 10.5g. " - " " " , St 8, 5

01241 ♀ Imm, nullip. 14g. " - " " " , St 5, 8

May 11 01301 ♀ Imm, nullip. 11.5g. " - " " " , St 8, 5

May 12 01311 ♂ Imm, TND. 16g. " - " " " , St 11, 7

May 15 \*01321 ♂ Imm, TND. 16g. " - " " " , St 6, 13

Not sure about info on this P6. Forgot to enter data on it until later. Definite #, location, age.

May 16 02312 ♂ Imm, TND 11.5g. " - " GRID MC, St 7, 9

May 17 02322 ♂ Imm, TND. 15g. " - " " " , St 9, 17

02332 ♀ Imm, nullip. 14.5g. " - " " " , St 8, 15

May 20 #02342 ♂ Imm, TND. 10.5g. " - " " " , St 4, 18

June 2 02402 ♀ Early SAD, imp, nullip. 14.5g. " - " RC drift fence, St W-9 (out)

June 1 03200 ♂ SAD, TND. 17.5g. " - " GRID MC, St 15, 11



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PEROMYSCUS BOYLEI

4

Hastings Reservation, Monterey Co., Calif

- June 4 #02412 ♂ Mat, TWD (close). 19g. Toe-clipped. RC drift fence, St W-9 (out). <sup>Tail coll</sup>  
01331 ♀ SSAD, nullip. 14g. " - ". MC drift fence, St W- $\frac{1}{2}$  (out) <sup>(44)</sup>  
01341 ♀ Imm, nullip. 13g. " - ". " " " , St W-5 (out)  
01401 ♀ SSAD, imp, nullip. 15.5g. " - ". GRID MC, St 9, 4.  
June 5 01120 ♀ SAD, nullip. 20.5g. " - ". GRID WR, St 4, 3.  
June 6 01421 ♀ Mat, imp, post-lact. 24g. " - ". GRID MC, St 5, 14  
01411 ♂ Imm, TWD. 13.5g. " - ". MC drift fence, St E-1 (in)  
02432 ♂ SAD, TWD. 19g. " - ". RC drift fence, St W-1 (out).  
Forgot to collect tissues. - collected 7 June  
June 7 01431 ♀ ~~Mat, imp, post-lact. 24g.~~ <sup>SAD, imp, nullip. 17g.</sup> " - ". GRID MC, St 5, 14  
June 12 02422 ♀ SAD imp null 19g Toeclipped RC drift fence St E 1.5 out  
(4) Forgot to collect tail tip - collected June 13  
June 15 02422 ♂ EM TWD 18.5g Toeclipped RC drift fence St W 5.5 in  
collected tail tip  
June 19 02413 ♀ M Imp 26 " " RC drift fence St W 4.3 out  
Forgot to collect tail tip - collected  
June 19 02423 ♀ M Lact 23.5 " " RC drift fence St W 2 out  
collected tail tip  
June 22 #03002 ♂ SAD, TWD. 20.5g. " - ". GRID RC, St 5, 17. <sup>Coll tail tip</sup>  
#03012 ♂ SAD, TWD. 18g. " - ". " " , St 6, 18. " - ".  
03022 ♀ Mat, imp, nullip. 24g. " - ". RC drift fence, St W 6.5 (in) <sup>Coll tail</sup>  
03202 ♂ ~~Mat, scrotal.~~ <sup>Mat, scrotal.</sup> 22g. " - ". " " " , St E 6.5 (out) <sup>Coll tail</sup>  
{Clipped out of sequence}  
June 23 03032 ♀ Mature, imp, parous. 24g. " - ". RC drift fence, St E 6.7 (out) <sup>Coll tail</sup>  
June 24 03042 ♂ Imm, TWD. 10.5g. " - ". GRID RC, St 7, 11. "  
June 26 03102 ♀ Mature, imp, nullip. 23g. " - ". GRID RC, St 5, 14. "  
June 27 03112 ♂ Imm, TWD. 11.5g. " - ". " " , St 7, 11 "  
01441 ♀ Imm, nullip. 13g. " - ". GRID MC, St 5, 8  
June 28 02001 ♀ Mat, imp, post-lact. 22g. " - ". GRID MC, St 10, 7  
June 29 03122 ♀ Mat, imp, parous. 24.5g. " - ". RC drift fence, St E-3.5 (out) <sup>Tail coll</sup>  
03132 ♀ Mat, imp, parous. 26.5g. " - ". " " " , St E 6 (out) <sup>Tail coll</sup>





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PEROMYSCUS BOYLEI

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Hastings Reservation, Monterey Co., Calif

June 30 #1130 ♂ Mat, scrotal. 23.5g. Toe-clipped. GRID WR, St 15,15  
#1140 ♂ Mat, TND. 19g. " - " " " , St 9,10  
July 2 #1200 ♀ Mat, imp, parous. 28g. " - " " " , St 16,15  
02031 ♀ Imm, nullip. 11.5g. " - " MC drift fence, St E-1(in)  
03142 ♂ SAD, TND. 17.5g. " - " RC drift fence, St E-4(out)  
03202 ♂ Early Mat, TND. 20g. " - " " " " St W-5.5(out)  
03212 ♂ SAD, TND. 18g. " - " " " " St W-5(out)  
July 3 03222 ♀ SAD, imp, nullip. 18g. " - " " " " St E-4.5(out)  
Lost of sequence)  
03223 ♀ Mat, imp, parous 23g. " - " " " " St W-1.5(in)  
July 7 #03232 ♂ Imm, TND. 12.5g. " - " " " " St E-7(out)  
July 9 #03242 ♂ Mat, scrotal. 24g. " - " " " " St W-3(out)  
July 10 #03302 ♂ E Mature, TND 17g. " - " " " " S-W-8.5(out)  
July 12 03312 ♂ Mature, TND. 21g. " - " " " " St E-2(out)  
July 16 02041 ♂ Mature, TND. 22g. " - " MC drift fence, St W-1(in)  
July 18 03322 ♀ SAD, imp, null. 17g. " - " GRID RC, St 7,17 Coll. tail  
July 21 03332 ♀ Imm, nullip. 13.5g. " - " RC drift fence, St E-6.5(out) Coll. tail  
July 26 03342 ♀ SAD, imp, null. 16.5g. " - " " " " St W-4(out) Coll. tail  
03004 ♂? Mature, TND. 22g. " - " " " " St W-8.5(in) " toe #04 naturally clut.  
July 29 03402 ♂ Mat, scrotal. 24.5g. " - " " " " St E-2.5(in) "  
July 31 03412 ♂ SAD, TND. 18g. " - " " " " St W-1.5(in) "  
Nov 3 010 ♂ Mat, TND. 23.5g. Toe-clipped. Upper Bridge I, St 3,2.  
020 ♀ Mat, parous. 20g. " " " " " St 32  
030 ♀ Mat, parous 22g. " " " " " 213  
040 ♂ Mat, TND 28 " " " " " 4,15  
0100 ♀ Mat, parous 24g. " " " " " 6,16  
0110 ♂ Mat, TND 24g. " " " " " 8,14



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PEROMYSCUS ~~MANICULATUS~~ ROYLI

6

Hastings Reservation, Monterey Co., Calif

Nov <sup>3</sup> 4 (cont)	#010	♀	Mature, nullip.	19g.	Toe-clipped.	Upper Bridge 2,	st 4.3
	020	♂	Mature, TND.	24g	"	"	4.6
	030	♂	Mature, TND.	24g	"	"	4.9
	040	♂	Mature, TND	24g	"	"	3.18
Nov <sup>4</sup> 4	0100	♀	Mature, nullip.	22g	"	"	3.5
	0120	♂	Mature, TND.	31g.	"	Upper Bridge 1,	st 2.7
	0130	♂	Mature, TND.	24g.	"	"	2.9
	0140	♂	Mature, TND.	28g	"	"	7.16
	0200	♂	Mature, TND.	23g.	"	"	12.16
	0210	♀	Mature, imp, parous.	25g.	"	"	11.16
	0140	♀	Mature imp, parous	22g	"	Upper Bridge 2	st 3.12
Nov 5	0120	♂	Mature, TND.	24g	"	"	st 3.2
	0220	♂	Mature, TND.	28g	"	Upper Bridge 1	st 1.6
	0230	♂	Mature, TND	25g	"	"	st 6.6
	0240	♀	Mature, up, parous	25g	"	"	st 8.15
Nov 6	0300	♀	Mat, up, parous	24g	"	"	st 11.17
Dec 1	023412	♀	Imm, nullip.	15g.	"	GRID RC,	st 3.11.
Dec 2	04012	♀	Mat, up, nullip.	22g.	"	" "	st 4.18
	0201	♂	Mat, TND.	20g.	"	Upper Bridge 1,	st 3.13
	0310	♂	Mat, TND.	22g.	"	" " "	st 10.17
	0130	♂	Mat, TND.	23g.	"	Upper Bridge 2,	st 4.18
Dec 4.	04022	♀	Mat, up, nullip.	22.5g.	"	GRID RC,	st 5.18



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Crotalus viridis

Hastings Reservation, Monterey Co., Calif

April 15 This afternoon (1630h) I set out to try and localize and possibly retrieve a radio-collar from P. californicus #1257 (radio-collared 7 April, 0800h, weight = 38g). Since ~~the~~ 10 April I had generally localized the signal in a Neotoma <sup>(around 2,5)</sup> midden at the base of a willow stump, and had set traps every night since. Today I precisely located the signal ~ 4m from the Neotoma midden among blackberry, poison oak, and grasses on a west facing gentle slope. As I was spreading the vegetation apart looking I came across a Crotalus coiled where the signal was coming!! Obviously 1257 is history.... I cut off a long (2-3m) willow branch and tried to lift the Crotalus into a bag. It quickly moved off back down into the Neotoma midden. I tried in vain for another hr. to get it, but it escaped deep under the midden (Despite my having the midden totally apart!). Stopped at 1800h to finish setting traps. Try again tomorrow.

April 16 0930h - located the Crotalus (by telemetry) 1m on the opposite side of the Neotoma midden from its location yesterday. It was loosely coiled in a tangle(?) of poison oak and blackberry. After a couple of tries, I successfully noosed it around its neck and put it in a plastic bucket (cut the noose string, leaving it around the snake) - I'll take it up to Bezerkeley and get Harry Greene to palp the radio-out.

Can't help but think the radio contributed to the demise of 1257. He was born in this area around 8 April 1988, pup of ♀♀ 1917, and had sired ~~at~~ least one litter this year.

April 19 Today Harry palped out the PC (1257) and the radio-collar!! (at MVZ). Preserved him in alcohol.



Journal  
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Hasting Reservation  
Monterey Co.,  
Calif.





Hastings Abtural History Reservation, Monterey Co., Calif

Feb 16 Arrived back at Hastings at 1315hrs in a driving, windy rainstorm! Just great... To make matters worse I have to stay in the Robinson House because someone is in the cabin temporarily (Tim Halliday from England). Despite the shitty conditions, I suppose the rain is welcome.

Spent the afternoon getting organized and waiting for the rain to let up. I went out at 1600h and it was still raining, around 40°C. I debated and debated, and finally decided to bag it tonight. I should still be able to survey GZ10 RC for reproductive info, but the telemetry data collection may suffer. I must be getting old and tired, but I reasoned the weather wasn't worth fighting. Snowless tonight is between 500-1000 ft!

Feb 17 Awoke this am to snow on the ridges and "slush" on the Robinson House porch. Maybe it was a good idea not to trap... Around 1000h I migrated to the lab to begin connecting radio transmitters for use tonight. Had lunch with Janis to discuss fingerprinting. We had a good chat. The rain continued to fall <sup>all day</sup> since around 1000h. Mostly a slight drizzle, but on occasions it was harder.

At 1500h I suited up and went out to RC to set traps. Had to dry each trap with a rag, plus I added cotton bedding before setting. Covered most traps with wood slats. Set all traps on the grid except for row 10(?) traps on the south hill, plus set 7 traps along the ~~east~~ west drift fence and 6 along the east drift fence. Finished around 1730h in a moderate rain, ~40°C.



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JOURNAL

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Hastings Reservation, Monterey Co., Calif

Feb 17

A few notes on habitat - the creek is low, but definitely running; grasses and forbs are green; willows are just beginning to bud. I looked but didn't see any Bay ~~tree~~ laurel seeds. There are some buckeyes on the ground, but smaller and not nearly as abundant as last year.

2120h - out checking traps on PC. Partly cloudy, ~40°C, no moon. Although it's not raining, the drip from the trees seems like rain. In the middle of checking traps it rained moderately for 30 min. By the time I finished (2330h), it was clear again. Good capture results, but rather disappointing breeding activity. No radio-transmitters put out. Noticed ice on the porch of the Robinson House - must be colder than I thought!

Feb 18

Snow!! During the night about 1/2-inch of snow fell covering the fields, roads, etc. Started checking traps on PC at 0610h. Still dark (flashlight necessary), although the eastern horizon is getting light. Amazing PC results - recaptured all but one PC from last night plus 5 new. Very few other species. Note a lot Neotoma go about entrapping, etc. Finished by 0800h.

	17 (PM)	18 (AM)	# ind
Summary of results: <u>P. californicus</u>	14 capt.	18 capt (1 new)	19
<u>P. boylii</u>	2 "	1 "	32
<u>Perognathus</u>	4 "	4 "	4
<u>Neotoma</u>	0 "	2 "	2
<u>Sorex</u>	1 mortality	0 "	1
<u>TOTAL</u>	21 captures	25 captures	28 ind.

Returned to the Robinson house to catch up on notes and then went to the lab to prepare the Sorex mortality



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Journal

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Hastings Reservation, Monterey Co., Calif

Feb 18.

It remained partly cloudy and cool all morning. <sup>(50°F)</sup> Since I caught so many mice on TC, there were now four telemeters, and the generally shitty conditions all weekend, I decided to head home this afternoon. Returned to TC and opened up all traps after lunch. Left for Berkeley by 1500h.

March 16

Arrived back at Hastings today around 1500h. Spring has definitely ~~begun~~ begun! The grasses and forbs are all green, the willows are leafing out, some flowers are in bloom, and Finch Creek is running along Laurel Valley Rd. I unpacked at the B&B house (Stantach graciously took me in --) and took off to set traps. Baited and set all traps on Grid TC from 1530-1700h. Also set 6 traps on both east and west drift fences, and scattered 8 *Neotoma* traps across the grid. Next I set most of the traps in Madrone Canyon (Grid SUR) before running out of bait and daylight around 1830h. I set all of rows 11, 10, 9, 8, and about half of 7. The weather this afternoon was cloudy and warm (mid 70's). There is a chance of rain this weekend but these clouds don't look particularly threatening.

2130h - out checking traps on TC. It's mostly cloudy, ~~mid~~ low 50's. A lot of traps (~10) closed with no animal, and a lot of *Neotoma* (all which I left in traps). Finished by 2300h.

March 17

0630h - out checking traps on MC with Mike (woodpecker field assistant). It's clear, low 50's (very pleasant). A lot of new PC - no big surprise since it's been ~5 months since I've trapped here. We radio-collared 2 mice this am (see spp. acct and telemetry data). Finished by 0830h and proceeded to check traps on Grid TC.



Hastings Reservation, Monterey Co., Calif

March 17  
(cont)

Plot of Neotoma to process (note that I recorded all under this morning's trap occasion, despite that many were captured last night). We finished by 1030h. It was very sunny and warm by this time. I returned to Grid MC to try and get radio-locations on mice, but had no luck (see Telemetry data).

Summary of trapping results

	11 (pm)	17 (am)	# and
GRID RC: <u>P. californicus</u>	11	13	15
<u>P. boylii</u>	3	4	4
<u>Perognathus</u>	4	6	6
<u>Sorex</u>	2	2 dead	4
<u>Eutamias</u>	0	1	1
<u>Neotoma</u>	<del>10</del>	10 (3 new)	10
TOTAL	20	36	40 total

GRID MC: <u>P. californicus</u>	10 (5 new)
<u>P. truei</u>	3 (1 new)
<u>P. boylii</u>	5 (1 new)
TOTAL	18 (7 new)

After lunch a breeze picked up and cooled things down (low 70's). I prepared the 2 Sorex mortalities in the afternoon, then reset all RC grid traps (except the drift fence traps) from 1530-1630, and MC traps from 1630-1800h. I also did some telemetry (see Telemetry data). Since the best bet for telemetry appears to be MC, tonight I'll check MC traps.

2130h - out checking traps on MC. It's clear, low 50's, no moon, beautiful night! Very good results tonight. Radio-collared one more female tonight (see Telemetry data). Finished by 2300h.





Hasting Reservation, Monterey Co., Calif

March 18 0630h - out checking traps on GRID MC. Upper 40s, calm. Tried to get some telemetry locations while checking traps, but was unsuccessful. Finished by 0800h and proceeded to check traps on GRID RC. This is the last time I'll check traps here, so I opened up all traps as I checked. Also, I left the 8 Neotoma traps in place. Finished by 1000h and returned to GRID MC for telemetry locations (see Telemetry Data).

(see results below)

Today was sunny, upper 90s. Spent the afternoon preparing a shrew mortality and taking telemetry readings. Reset all traps on MC, plus 5 traps at 11, 14 and 4 traps at 11, 20 (for radio-collared mice) from 1630-1730h.

## Summary of trapping results:

	17 (PM)	18 (AM)	# new
GRID MC: <u>P. californicus</u>	11 (3 new)	10	13
<u>P. truei</u>	1	3 (1 new)	3
<u>P. boylii</u>	5	7 (1 new)	8
<u>Perognathus</u>	0	1	1
<u>R. megalotis</u>	1 new	1 new	2
<u>Neotoma</u>	0	1	1
TOTAL	16	23	28

GRID RC - P. californicus - 12P. boylii 4Perognathus - 6Sorex - 1

TOTAL 23

2100h - out checking traps on MC. Clear, no moon, mid 50s. This evening I mainly checked traps for radio-collared mice and tried to get locations on radio-collared mice. Trapping success



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Hastings Reservation, Monterey Co., Calif

March 18  
(cont) was dismal, as was telemetry shenanigans. Returned by 2200h.

March 19 Obooh-out checking traps on MC. Clear, low 50's. I opened up all traps as I checked traps. Very good results.

Furnished by Obooh. Summary: P. californicus 17 (3 new)

P. truei 2

P. boylii 7

Perognathus 2

P. megalotis 1 new

Neotoma 1

TOTAL 30 (3 new)

Note that I didn't catch ♀ 1427 who has a radio-collar, nor did I ever get a signal. I must get back to Beyerhaley, so I left her with the collar.

Packed up and left Hastings by 0930h.

April 11 Arrived back down to Hastings around 1400h. <sup>(staying in Robinson House)</sup> Clear skies, low 80's, slight breeze - beautiful! All the hills are green, the deciduous trees (oaks, willows, etc) are leafing out, and there are a fair number of flowers blooming (doesn't seem like as many as last year?). Things seem, however, fairly dry. It looks like summer will hit hard and early this year.

I'll be here until the 16th, hoping to monitor potential helping behavior via telemetry. I set and baited all traps on GRID MC (except row 5) from 15-1630h and all traps on GRID RC from 1730-1830h.

June has switched to Daylight Savings time, so it didn't get dark until 1930h. I opted to get some sleep tonight and didn't check traps.



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Hastings Reservation, Monterey Co., Calif

April 12 0645h - out checking traps on GRID RC. Clear, mid 40's, heavy dew.

Moon is  $>3/4$  full in eastern sky - very bright. Not many captures on RC. Finished checking traps by 0800h and proceeded to check traps on MC. Good results on MC. Finished by 1000h.

Summary of Results:	<u>GRID MC</u>	<u>GRID RC</u>
<u>P. californicus</u>	17 (3 new)	9
<u>P. truei</u>	2	—
<u>P. boylii</u>	7	1
<u>Perognathus</u>	7 (1 new)	4
<u>Neotoma</u>	2	6
TOTAL	35 (4 new)	20 total

Spent the rest of the morning and this afternoon at the Robinson House getting radio-collars ready, etc. Today was clear and warm (low 80's). I reset all RC traps from 16-1630h and all MC traps from 17-1745h.

2145h - out on MC checking traps. Clear, low 60's, no moon yet. Fantastic results tonight. Put out 3 radio-collars, so I closed traps from 10, 6 → 10, 10, and 9, 6 → 9, 10. Finished by 2345h.

April 13 0645h - out checking traps on RC. Clear and cool (upper 40's)

Finished by 0800h and proceeded to check traps on MC.

(got radio-locations during and after checking traps (see telemetry data) Finished by 1000h.

Summary of Results	<u>MC</u>			<u>RC</u>
	<u>PM</u>	<u>AM</u>	<u># ind</u>	
<u>P. californicus</u>	15 (1 new)	12 (1 new)	19	8
<u>P. truei</u>	1	2	2	—
<u>P. boylii</u>	9	6 (1 new)	9	3
<u>Perognathus</u>	7	5	7	4
<u>R. megalotes</u>	0	1	1	
<u>Neotoma</u>	0	2	2	
<u>Microtus</u>	0	1	1	
TOTAL	32	29	41	8
				Series 2
				25 total



Hastings Natural History Reservation, Monterey Co., Calif

April 13 Returned to MC after lunch to take telemetry readings (see telemetry data). Today was warm and sunny again. I reset only TC traps on the eastern half of the grid (columns 12-18) since I am only interested in ♀ 030. I opened up all remaining traps. Ran into a Crotalus near station 7.17. Reset all MC traps (except 9,6-9,9; 10,6-10,9) from 1800-1845h.

2100h - out checking traps on MC. Clear, mid 60s. Good results; I removed the radio-collar from ♀ 2048. Finished by 2215h.

April 14 0645h - out checking traps on TC. ~~the~~ Some high clouds, low 50s. Really dismal results - I think this is the last trap occasion here. Started checking traps on MC by 0730h. Put a radio-collar on ♀ 020 (see Telemetry Data). Finished by 0830h.

Summary of results on MC	13(Pm)	14(Am)	# ind
<u>P. californicus</u>	11	12	16
<u>P. truei</u>	0	2	2
<u>P. boylii</u>	3	7 (new)	7
<u>Perognathus</u>	0	8	8
<u>Neotoma</u>	2 (new)	3 (new)	5

Returned to MC at 1400h to get radio-locations (see Telemetry Data). Today was another warm sunny day. Since there aren't any mice on TC suitable for telemetry, I opened up all remaining traps on TC this afternoon. On GRID MC I only want to catch 2044, ♂ for telemetry, I only set columns 4,5,6 on rows 10-11. Finished setting these by 1830h.

I intended to go out this evening, but I had to repair my last collar (unexpectedly) and didn't finish until almost midnight. I'll go out early, instead.





Hastings Reservation, Monterey Co., Calif

April 15 0520h - out on MC to check traps. Overcast skies - perfect for trapping! A lot of mice in the traps set. Note that I only recorded P. californicus. Caught the mouse for telemetry (#2044), plus all the other collared mice. All radios working fine! Finished by 0600h ~~pm~~ and quickly left so that the mice would have time in the remaining minutes of darkness to return to their "normal" nests.

Returned to MC at 1100h for telemetry locations - finally got a helper with mom! - see Telemetry Data. Returned again at 1400h and all mice remained in the same spot (see Telemetry).

This afternoon was mostly cloudy and much cooler than previous days (low 70's). I walked up this afternoon to School Hill to watch an ~~down~~ woodpecker power struggle with Stambach and Hoog. Pretty fascinating.

I reset the western half of Grid MC and took telemetry readings from 17-1800hrs. I'm trapping only to capture the radio-collared mice. I opened up all other traps. Lastly, I set 36 Shermans along the creek bed by the Robinson House. I hope to capture some P. californicus males for photos and testes size measurements.

2200h - out checking traps on MC. Overcast, mid 60's. I caught all radio-collared Pc tonight - I removed their collars and opened up all traps so I don't have to check traps here tomorrow am. Finished by @ 2300h. (Note I only recorded captures of P. californicus this evening)



Hastings Natural History Reservation, Mendocino Co., Calif.

April 16 Got up late this am (Orron!) and checked the traps I set behind the Robinson House. Great success - caught 4 mature males & 2 females which I kept plus 3 lactating females and 2 juveniles. Spent some time getting pictures of one of the females.

On the way to the lab I swung by GRIDLER and picked up all the non-holding Siermans (84) for David Gubeinick to use. I left this in the barn. Spent 1100-1400h in the lab weighing Hesper and preparing specimens (see Catalog). It rained off and on during this time.

Packed, cleaned, and finally left Hastings by 1500h. A successful trip - perhaps my last solo trip? ....



# Grid Data 1990

Hasting Reservation  
Monterey Co.,  
Calif.



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1990

JOURNAL - GRID DATA

Hastings Reservation, Monterey Co., Calif

GRID MC: *P. californicus* OAL

SP.	Ab	WT	Sex	Age	Body	Loc	Comments
<i>P. californicus</i>	20	42	♀	m	Lactating perf.	11,5	5-48, lactating
✓	2033	31	♀	Lim	imperf Null.	11,4	5-298
✓	2035	3.5	♂	m	scrotal	10,6	2-348 3-348 5-338
✓	2036	27.8	♂	im.	TVD	11,15	Radio collared 2-collared working fine!! Ch. 4 removed collar, forgot to collect tail 5-278
✓	1460	49	♀	m	Lactating	8,17	Radio to collar 5-50.5, removed collar ch. 12
✓	1568	36.5	♂	m	scrotal	9,18	2-398 5-30.5
✓	2037	25	♀	im	imperf Null.	8,13	2-248 3-26.5 5-23.5
✓	2038	37.5	♂	m	scrotal	8,11	2-328 3-385 5-328
✓	1351	42.5	♀	m	Lactating	9,9	2-41.5, Dusked DRADGE 5-41.5, not lost. 8, 9, 48
✓	1480	41.5	♂	m	scrotal	8,8	2-40.5 3-408 5-398
✓	2043	38.5	♀	ul	up, nullip	11,4	5-328
✓	2044	29.5	♂	lim	TVD	10,16	3-288 5-248. Cut between eyes?
✓	1497	51	♀	m	lact?	11,16	2-radio-collared ch. 12
✓	2046	43	♀	m	nullip, Nucy?	8,11	TC #1000 5-448, perf.
✓	2047	40.5	♂	m	scrotal	8,17	5-398
✓	2047	30.5	♂	lim	TVD	8,7	
✓	2049	17	♀	att I	up, nullip	9,10	covered w/ orange powder - ♀♀ 1351
✓	2049	19.5	♀	I	up, nullip	9,8	" " " - white head flip

March 19 (Am)

March 18 (Am)

March 18 (Am)

March 17 (Am)

March 17 (Am)

RESEARCH - OAL





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JOURNAL-GRID DATA

Nestings Reservation, Monterey Co., Calif

GRID MC - P. tuii & P. boylii

P. tuii 03430  
P. boylii 02101

SP	No	wt	Sex	Age	Body	Ear	1	2	3	4	5	Comments
P. tuii (N)	3430	19	♀	m	imper. null		10,10				10,5	
↓	4310	25	♂	m	scrotal		10,12	10,10	10,12		9,10	
	410	24	♂	m	TND (close)		10,14		8,14	8,17		
(N)	03440	19	♂	m	TND				11,4			
P. boylii	0430	22.5	♂	m	scrotal				6,14			
↓	221	22	♂	m	scrotal		7,5		7,4			
(N)	2101	20	♀	m	imp. parous		7,4	7,4	7,5		7,4	
	1301	19	♀	m	imp. parous		8,5				7,5	
	01040	20.5	♂	m	TND (close)			8,8			8,10	
	1210	26	♀	m	imp. parous		11,15	11,15	11,15	11,15	11,15	
	1221	19	♀	m	imp. parous		8,12	8,12	8,12		7,13	
	01021	19.5	♀	m	up, nullip?			11,15	11,15	11,15	11,15	
(N)	02111	17.5	♀	m	up, nullip				10,6			
	03340	23.5	♂	m	scrotal						9,4	



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SAINT ANNE - GRID DATA

Hastings Reservation, Monterey Co., Calif  
GRID MC - Misc Species

Perognathus - 03340

SPZ	NO	WT	SEX	AGE	BUDG	Dec	1	2	3	4	5	Comments
Perognathus	02310	24.5	♂	m	TWD							
↓	03040	25.5	♂	m	scrotal							
Perognathus	010	9	♂	m	scrotal			9,17				
	020	16.5	♀	m	up, wulley				10,18			
	030	9	♀	m	last (?)						10,19	
Neotoma	1575	230	♀	m	last						9,13	



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JOURNAL - GRID DATA

Hastings Reservation, Monterey Co., Calif

GRID PC: *P. californicus* only

March 16 (pm)  
March 13 (am)  
March 17 (am)  
March 11 (pm)

SP	NO	WT	Sex	Age	Body	Loc	2	3	4	5	6	Comments
<i>P. californicus</i>	2032	35	♀	M	Ref up, midlip	6, 10	6, 10	6, 10				2-34g, perf. 3-33g, mid ✓
✓	1793	43	♂	M	scrotal	E-7, 10, E-8, 10						2-43.5
	1570	49	♀	perf, early preg?		E-9, 10, 7, 10	9, 17					2-45.5 3-43.5 ✓
	0400	38	♂	M	scrotal	6, 15	5, 17	6, 15				2-38g 3-39g ✓
	030	45.5	♀	M	perf, parous	5, 15		7, 10				3-45.5g perf ✓
	2017	30.5	♀	SD	up, midlip	5, 13	7, 16	5, 15				2-29.5g 3-29g ✓
	1792	35	♀	M	up, midlip	W-3, 10		5, 0				3-34g ✓
	1708	37	♂	M	scrotal	W-3, 10	W-3, 10	3, 11				2-36.5 3-35.5 ✓
	2009	33	♀	SD	up, midlip	5, 12	5, 12	5, 13				2-32g 3-28.5 ✓
	1790	43	♀	M	perf, lactating	4, 9	4, 9	5, 11				milk expressed. 3-41g, 10 milk ✓
	0130	46.5	♂	M	scrotal	4, 10	4, 10	4, 10				2-41g 3-49g ✓
	1183	44.5	♀	M	Peri-sperm lact. plug	E-7						Tit-suction
1580	1582	40	♂	M	scrotal	E-8	7, 10					3-38g ✓
	0110	39.6	♂	M	scrotal	5, 13	7, 15					Left leg caught in trap 3-30g ✓
1177 + 020	0120	50	♀	M	imp. pregnant	6, 9						✓



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1990

JOURNAL - GRID DATA

Hastings Reservation, Monterey Co., Calif

GRID DC: Misc Spec

P. quadratus - 04120  
P. mes - 03430  
M. crotchi - 03000  
P. maniculatus - 04420

March 16 (Am)  
March 17 (Am)  
March 18 (Am)  
March 19 (Am)

SPP	No	WT	Sex	Age	Body	Dec	4	5	6	Comments
P. quadratus	0300	27	♂	m	scrotal	9, 10	9, 10			# 10 toe-nail coming back
↓	0400	20	♀	m	up, parous	8, 10	7, 10	8, 10		
	0320	27.5	♂	m	scrotal	7, 15	7, 15	6, 15		# 20 claw coming back
	0320	20.5	♀	m	up, parous	5, 11	7, 11	9, 11		
3402	3400	26.5	♂	m	scrotal	6	8, 10	8, 10		
	2400	29.5	♂	m	scrotal		4, 9	5, 10		
	02100	20.5	♀	m	up, parous			4, 9		

E. merriami @ 2042 85 ♂ m scrotal 4, 10

5004	Ⓜ	0100	6.5	♀	m	pregnat	6, 10	7, 10	→ Mortality. Cat # 1054
	Ⓜ	010	7	♀	m	lact?	6, 15		
Ⓜ	1053	7	♀	m	m	Lact	5, 9		
Ⓜ	1052	6	♀	m	m	non-breeding	6, 15		





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JOURNAL - GRID DATA

Hastings Reservation, Monterey Co., Calif

GRID DC: Neotoma fuscipes

Feb 18 (Am)

Feb 17 (Pm)

Spp.	No.	WT	Sex	Age	Budg	Dec 1	2	3	4	5	6	Comments
Neotoma <sup>10</sup>							4,18					Didn't Tag
↓	1580						7,17					
<hr/>												
						March 16 (Pm)						
						March 18 (Am)						
						March 17 (Am)						
						March 16 (Pm)						
Neotoma	1767	240	♀	M	up, parous			4,13				
↓	1580	230	♂	M	scrotal			5,17				large wound (3cm <sup>2</sup> ) near left testicle
	1647	210	♀	M	perf. parous		4,15	4,15				
(N)	2039	260	♂	M	scrotal		4,15					
(N)	2040	240	♀	M	peripart. parous		4,18					
	1650	240	♂	M	scrotal		6,15					
	1796	240	♀	M	im. p. parous		7,17	7,17				
	1655	305	♂	M	scrotal		4,14	4,14				
	1390	300	♂	M	scrotal		4,13	4,14				
(N)	2041	200	♀	M	impr. Null.		4,18	4,18				
	1289	210	♀	M	perf. parous		5,9	5,9				
	1386	290	♂	M	scrotal		5,10	4,13				
2 empty nipples			♂	M	5 crypt			5,10				Didn't weigh, 582 testis near left testicle



# Journal - Grid Data

GRID 2C: P. boylii only

P. boylii: ~~0334~~ 04032

~~Feb 18 (Am)~~  
Feb 18 (Am)  
Feb 17 (Am)

Comments	2-20g
----------	-------

~~March 18 (Sun)~~

March 13 (Sun)

March (Fly)

March 16 (Pm)

Beds	early Dec.	up, 1900s
------	------------	-----------

Alg	m	m
-----	---	---

544	545	546
-----	-----	-----

25	27	wt
----	----	----

No	22	332
----	----	-----

	D		
--	---	--	--

pp. 100-101

[illegible]

<u>F-600</u>	<u>03141</u>	<u>24.5</u>	<u>♂</u>	<u>m</u>	<u>scap</u>
↓	03100	24.5	♀	m	up, par
	01222	30.5	♀	m	up, par
	3121	25	♀	m	im, par
	01010	25	♂	m	par

5,8	4,8	7,1	8,1
-----	-----	-----	-----

4,13	4,10	7,11	9,16
------	------	------	------

816	779	10710	<del>816</del>
-----	-----	-------	----------------

--	--	--	--	--

[illegible]

not
pip
up, p
m p
ra

no	no	no	no	no
----	----	----	----	----

1	1	1	1	1
5	9	9	9	5

5	5	5	5	5
---	---	---	---	---

2	050
2	120
3	22
2	00
2	75

0311	0311	012	31	010
------	------	-----	----	-----

refine				
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P-6a	↓			
------	---	--	--	--



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1990

JOURNAL - GRID DATA

Hastings Reservation, Monterey Co., Calif

GRID RC: P. californicus only.

tc-01220

Feb 17 (Pm)

Feb 19 (Am)

(Col A)

Spp	No	WT	Sex	Age	Body	Loc	2	3	4	5	6	Comments	
P. californicus	1929	44	♀	M	implanting, parous	Dec 1	6, 17	7, 10	6.5, 16.5			1 - dusted Red	✓
✓	1570	39.5	♀	M	perf, nullip		E-7 (m) E-9 (m)					2 - 4 kg	✓
*2	1103	51	♀	M	up, pregnant		E-9 (m) E-9 (m)					1 - dusted brown. Teats swollen, no milk. Def later, prog	
	1502	41	♂	M	scrotal		9, 10	E-7 (m)				2 - 4 kg	✓
?	2032	34.5	♀	SM	up, nullip		9, 10	5, 11	6.5, 14.5			2 - long movement	✓
	2017	29	♀	SM	exp, nullip		5, 15	6, 14	5.5, 14.5				✓
	1709	31	♀	LAD	up, nullip		5, 14	7, 15	6, 14.5			2 - 3 kg	✓
3	030	42	♀	M	up, parous		5, 14					1 - dusted green	✓
	2019	24.5	♀	SM	up, nullip		5, 13	5, 14	5, 13.5			2 - 2 kg	✓
✓	1710	38	♂	M	TND		10-3 (m)	10-6 (m)					<del>1 - dusted green</del> ✓
4	1304	41	♀	M	up, semi-pup		4, 12	5, 13	4.5, 12.5			1 - Dusted Greenish Brown	✓
	1792	38	♀	M	up, nullip		3, 11	4, 10	3.5, 10.5			2 - 3 kg	✓
5	1790	46	♀	M	early pup 2 perf, nullip		4, 10	6, 10	5, 10			1 - Dusted Orange. Teats swollen, but not lact.	✓
	0130	47	♂	M	scrotal		4, 10	6, 11	5, 10.5			2 - 4 kg	✓
6	1572	43	♀	M	pup, nullip?			4, 18					✓
	1783	43	♂	M	scrotal			E-9 (m)					
	0100	40	♂	M	scrotal			6, 15					✓
115	0110	42.5	♂	M	scrotal			5, 12					✓
(N)	2026	30	♂	SM	TND			3, 11				2 - 10-11-20, collected for	



PIBBLE, D.D.  
1990

Journal - GRID DATA

Hastings Natural History Reservation, Monterey Co., Calif

GRIDRC: Misc Species

Perognathus-04120  
Z. m. s. - 03430  
Microtus - 03010  
P. maniculatus-01420

Feb 17 (Pm)  
Feb 18 (Am)

Sp	No	Lat	Sex	Age	Budg	Occ	1	2	3	4	5	6	Comments
Perognathus	02010	26	♂	M	scrotal	8,16	8,16						
↓	03220	23	♂	M	scrotal	7,15	6,15						2-20g
	02400	28	♂	M	scrotal	6,11	6,11						
	03230	20	♀	M	imp, nullip	3,10	3,10						
Sorex	01451					6,18	70200, eventually dead.						









RIBBLE, DD.  
1990

JOURNAL - GRID DATA

Hastings Reservation, Monterey Co., Calif

GRID MC ~~12~~: *P. tui* & *P. boylii*

*P. tui* - 04000  
*P. boylii* - 02121

Spp.	No	WT	Sex	Age	Body	Dec	1	2	3	4	5	6	7	8	Comments
<i>P. tui</i>	03430	22.5	♀	M	up, midup		10,10	10,11	10,12						100% <i>P. tui</i>
	04340	25.5	♂	M	scrotal		10,12		11,15	10,12	10,11				
	02111	18.5	♀	M	up, parous						10,4				
<i>P. boylii</i>	01040 <del>01100</del>	23	♂	M	scrotal		7,7	7,7	7,7						
	0221	23.5	♂	M	scrotal		8,4	8,7							
	01210	25	♀	M	up, parous		11,7	11,18	11,18	11,17	11,17				
	01021	20.5	♀	M	up, midup		9,18	10,18	10,18		10,18				
	0101	23	♀	M	up, parous		8,9	8,9	7,9	7,9	8,9				
	0121	20.4	♀	M	up, midup (?)		8,12	8,12	6,11		8,12				
	0101	20	♂	M	scrotal		7,13	11,13							
	02101	21	♀	M	up, parous		7,4	7,4	7,4	7,4	7,4				
	02121	21	♂	Em	TD		7,16			7	7,18				
	02131	25.5	♀	M	up, parous						11,18				





97

JOURNAL-GRID DATA

GRAD PC: P. californicus ONLY

SPP.	Ab	wt	Sex	Age	Birds	Dec 1	2	3	4	5	6	7	8	Comments
<i>P. californicus</i>	1389	52.5	♀	M	perf, lact?	6,18								1-dusted ORANGE-not lact, but very swollen. recent semipalm, udder wide open. Just gave birth.
✓	✓ 1704	39.5	♂	M	serotol	7,17								2-39. covered w/ GREEN
✓	✓ 1582	41	♂	M	serotol	9,17	9,18	9,17						1-dusted GREEN
✓	✓ 1578	43	♀	M	lact	9,17	9,17	9,18						2-covered w/ ORANGE powder
✓	✓ 207	36.5	♀	M(2)	up, mullup	7,10	8,15							2-478
✓	✓ 1727	47	♂	M	serotol	6,10	7,9							1-dusted GREEN
✓	✓ 1790	54	♀	M	perf, preg (3)	5,8	6,9							2-524
✓	✓ 1792	38	♀	M	up, mullup	3,11	4,10							1-dusted RED
✓	✓ 1708	37.5	♂	M	AND (above)	4,10	4,9							2-35.5 covered w/ RED
✓	✓ 1181	39.5	♂	M	serotol		7,15	7,18						2-covered w/ ORANGE





Journal-Grid Data

GRID RC: Misc Species

*Pterognathus* - 04120  
*Z. mel.* - 03430  
*Microtus* - 03010  
*P. maniculatus* - 01420

[illegible]



RIBBLE, D.D.  
1990

JOURNAL-GRID DATA

Hastings Reservation, Monterey Co., Calif

GRID DC: *Neotoma fuscipes*





DEP.	NO	WT	SEX	AGE	Body	Dec	1	2	3	4	5	6	7	8	Comments
N. fuscipes	1055	305	♂	M	scrotal		4,105	4,15	4,15						
	1580	250	♂	M	scrotal		5,17	7,12	5,17						
	1796	255	♀	M	lactating		6,17	7,17	7,18						
	11047	260	♀	M	parous imp, p-lact?		4,14		4,14						
	1767	265	♀	M	imp, parous		4,13	4,13	4,13						bot on back
	1259	255	♀	M	pregnant imp, parous		5,9								
	1390	305	♂	M	scrotal			4,14							
	2040	210	♀	M	imp, parous			7,13	7,13						
(10)	2054	235	♂	M	scrotal			6,10							
	1386	240	♂	M	scrotal			5,10							






RIBBLE, D.O.  
~~1989~~ 1990

# Telemetry Data

Hastings Reservation, Monterey Co., Calif

#7  #2  #4  #7  low beep

#12  #4  #18 

17 March

0800-1400 ♀  
lact, St 11, 18  
1100h NS

0800-2036 ♂  
Imm, St 11, 14  
1100h NS

1700h Neotoma nest  
~11, 20

1700h NS

2200  
~11, 20 Resting

2200h  
trap - 10, 16

2200h ~1407 ♀  
lact, St 11, 16

18 March

0700h  
~11, 20 R

0700h  
trap 10, 12  
1100h R  
~11, 14 Neotoma nest.

0700h NS

1600h  
~11, 20 R

1600h NS

1600h NS

2200h  
NS

2200h collar  
St 9, 3 removed

2200h NS

19 March

0700h  
St 8, 17 removed collar

0700h NS → ??

Left w/ collar -

12 April

0800h - 11, 15  
No collar



# Species Accounts

## 1990

Hasting Reservation  
Monterey Co.,  
Calif.





KIBBLE, D.D.  
1990

PEROMYSCUS CALIFORNICUS

Hastings Natural History Reservation, Monterey Co., Calif.

Feb 18 #2025 ♂ Early Mat. TWD. 36g. Ear-tagged. GRID RC, St 3, 11. Coll. tail-tip

March 17 ✓ 2033 ♀ Late imm, nullip. 31g. " - ". GRID MC, St 11, 4.

Possible offspring of ♀ 020 (1186), Born ~ 4 Jan.

2035 ♂ Mature, scrotal. 35g. " - ". " ", St 10, 6. <sup>Don't know history?</sup>

✓ 2036 ♂ Imm, TWD. 27.5g. " - ". " ", St 11, 6.

Possible offspring of ♀ 1497 - see telemetry data.

2037 ♀ imm, nullip. 25g. " - ". " ", St 8, 13. <sup>offspring of 1497? or 2046?</sup>

2038 ♂ mature, scrotal. 37.5. " - ". " ", St 8, 11. History?

2043 ♀ Mature, imp, nullip 38.5. " - ". " ", St 11, 4. History?

2044 ♂ Imm, TWD. 29.5g. " - ". " ", St 11, 4.

Possible offspring of ♀ 020 (1186) See 12 April acct.

2046 ♀ Mature, nullip, pregnant? 43g. " - ". St 8, 11. History?

March 19 2047 ♂ Early Mature, TWD. 30.5g. " - ". St 8, 7. History?

✓ 2048 ♀ Immature, nullip. 17. " - ". St 9, 10. <sup>Bottle covered w/ ORANGE powder</sup>

✓ 2049 ♀ <sup>White tail-tip</sup> " " 18.5 " - ". St 9, 8. <sup>∴ offspring 1351. 31 days old.</sup>

<sup>Born 16 Feb.  
(Coll tail tip 12 April)</sup>

April 12 This AM on GRID RC I dusted the following ♀♀'s

#030 (1389), 52.5g. perf, lact? (swollen, no milk, perforate), St 6, 18 ORANGE

#1578, 43g, lact, St 9, 17. GREEN

#1790, 54g, Pregnant, St 5, 8. GREEN

#1792, 38g, nullip, St 3, 11. RED

This AM on GRID MC I dusted the following ♀♀'s

#1351, 44.5g, lactating, St 9, 6. ORANGE

#020, 51g, lactating, St 11, 4. GOLDEN BROWN

#1497, 50g, teats swollen, no milk (late lactation?), St 11, 15. RED

(Note I radio-collared her last month and left her with a collar)

#1460, 51g, lactating, St 10, 17. GREEN

#2046 51g, lactating, St 11, 12. GOLDEN BROWN



RIBBLE, D.O.  
1990

PEROMYSCUS CALIFORNICUS

2

Hastings Natural History Reservation, Monterey Co., Calif

April 12 #2050 ♀ Immature, nullip. 24g. Ear-tagged. GRID MC, St 10, 14. Coll tail tip.  
(cont)

Possible offspring of ♀♀ <sup>1497</sup>~~1410~~ - need powder to confirm - see below

#2051 ♀ Imm, nullip. 27g. " " " " St 10, 17. " " - " "

Possible offspring of ♀♀ 1410 - need powder

#2052 ♀ Imm, nullip. 24.5g. " " " " St 8, 13. " - " "

Need powder to ascertain ♀♀

This PM on GRID MC I recorded the following powder contacts.

#2044, St 10, 6 covered with GOLDEN BROWN (♀♀ 020)

#1480, St 10, 6 covered with ORANGE (♀♀ 1351)

#2050, St 8, 14 covered with RED (♀♀ 1497)

#1568, St 7, 12. " " " " " "

#2038, St 8, 9. covered with GOLDEN BROWN (♀♀ 2046)

Also, dusted ♀♀ 0100, 53g, last with GREEN powder at 8, 4

New #2053 ♂ Immature, TND. 26g. Ear-tagged. GRID MC, St 11, 16. Coll tail

Covered with RED: offspring of 1497 ♀♀

April 13 This am on GRID MC I caught ♂ #040, St 9, 18 with  
GREEN visible in his ears.

#2055 ♂ Mature, scrotal. 37g. Ear-tagged. GRID MC, St 8, 4. Coll tail tip

This am on GRID RC I recorded the following powder contacts

♂ 1582, St 9, 18 covered with GREEN (♀♀ 1578)

♀ 2017, St 8, 15 covered with ORANGE (♀♀ 030)

♂ 1768, St 4, 9 covered with RED (♀♀ 1792)

♂ 0400, St 7, 15 covered with ORANGE (♀♀ 030)

April 15 #2058 ♂ Imm, TND. 20g. Ear-tagged. GRID MC, St 10, 6. Coll tail tip

Covered w/ GOLDEN BROWN: offspring of ♀♀ 020

#2059 ♂ SAD, TND. 30g. " " " " St 8, 4. " - "

No sign of any powder.



RIBBLE, D.D.  
1990

TELEMETRY DATA

Hastings Reservation, Monterey Co, Calif

	Ch 12 ⊕	Ch 2 ⊖	Ch 7 ⊕	Ch 7 ⊖ <sup>Big</sup> (course)	
April 12	♀ 1351 2200h St 9, 6	♀ 2049 imm 2200h St 9, 8	♀ 2048 im 2200h St 10, 10		
April 13	0900h R, W 8.5, 7.5 (Westons nest) 1000h " " R, W 1343h " " R, W 1820h " " R, W 2200h collar fine St 9, 10	1000h R, W 10, 6.5 Buckeye 1340 " " " 1820h " " " 2200h NS @ 10, 6.5	1000h } Pickup signal at ⊖ w/out antennae 8.5, 7.5 } only!! May be the blood over from #12. No signal 19020 No signal 2200h St 10, 10 - removed collar		(2044)
April 14	0900h redusked St 10, 10 1400h ~ 10, 9 R, W 1800h ~ 10, 9 R, W 0600h collar fine St 9, 6 definitely lactating	0900h NS 1400h NS @ 10, 9 1800 NS 0600h collar fine St 9, 6 (covered w/OPAN 68)	0900h - ♀ #020 St 11, 4.5 lg. 1400h NS 1800 NS 0600h collar fine St 10, 4		Ch 7 ⊕ ⊖
April 15	1115h R, W St 8.5, 7.5 Westons 1400h " 1800h " 2200h removed St 9, 6 collar	1115h - NS 1145h R, W old 9.9, 9.1 (~10, 9) Westons 1400h " 2200h removed St 10, 9 collar	1130h R, W 10.5, 3.8 Same nest!! Rocky outcrop 0.5 above Westons middle- Bay tree canopy 1400h " 2200h removed St 10, 5 collar	1130h 10.5, 3.8 1400h " 2200h removed St 9, 6 collar	



RIBBLE, D.O.  
1990

PEROMYSCUS TRUEI

1

Hastings Reservation, Monterey Co., Calif

March ~~17~~ 17 #03430 ♀ Mat, imp, nullip. 19g. Toe-clipped. 6121040, St 10, 10

March 18 #03440 ♂ Mat, TWD. 19g. " - " " ", St 11, 4





RIBBLE, D.D.  
1990

PEROMYSCUS BOYLEI

Hastings Reservation, Monterey Co., Calif

March 17 #02101 ♀ Mature, imp, parous. 20g. Toe-clipped. GRD MC, St 7, 4  
March 18 #02111 ♀ Mature, imp, nullip 17.5g. " - " " " St 10, 6.  
April 12 #02121 ♂ Early Mature, TWD. 21g. " - " " " St 7, 16  
April 14 #02131 ♀ Mature, imp, parous. 25.5g. " - " " " St 11, 18



Pizzullo, D.O.  
1940

Neotoma fuscipes

Hastings Natural History Reservation, Monterey Co., Calif

April 13 #2054 ♂ Mature, Scrotal. 235g. Ear-tagged. GRID RC, St 6, 10

#2056 ♂ Immature, TAD. 50g. " - ". GRID RC, St 9, 13

April 14 #2057 ♀ Immature, nullip. 47g. " - ". " ", St 10, 12

203633















